



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
| <b>Document group:</b>                | 11-2403-1         | <b>Version number:</b>  | 8.04       |
| <b>Revision date:</b>                 | 26/07/2011        | <b>Supersedes date:</b> | 26/07/2011 |
| <b>Transportation version number:</b> | 2.00 (26/07/2011) |                         |            |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive

#### Product identification numbers

62-3265-1435-3

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Structural adhesive.

#### 1.3. Details of the supplier of the substance or mixture

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

**E Mail:** tox.uk@mmm.com

**Website:** www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

**This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the MSDSs for components of this product are:**

11-2402-3, 11-2401-5

### TRANSPORTATION INFORMATION

62-3265-1435-3

#### Component 1

**ADR/RID:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. LIMITED QUANTITY, (BISPHENOL A-EPICHLOROHYDRIN COPOLYMER), 9., III, (--), ADR Classification Code: M6.

**IMDG-CODE:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (BISPHENOL A-EPICHLOROHYDRIN COPOLYMER), 9., III, LIMITED QUANTITY, Marine Pollutant, (BISPHENOL A-EPICHLOROHYDRIN COPOLYMER), EMS: FA,SF.

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive

**ICAO/IATA:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (BISPHENOL A-EPICHLOROHYDRIN COPOLYMER), 9., III, fish and tree marking may be required (> 5kg/l).

### Component 2

**ADR/RID:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. LIMITED QUANTITY, (HYDROGENATED TERPHENYL), 9., III, (--), ADR Classification Code: M6.

**IMDG-CODE:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (HYDROGENATED TERPHENYL), 9., III, LIMITED QUANTITY, Marine Pollutant, (HYDROGENATED TERPHENYL), EMS: FA, SF.

**ICAO/IATA:** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (HYDROGENATED TERPHENYL), 9., III, fish and tree marking may be required (> 5kg/l).

## KIT LABEL

### 2.2. Label elements

#### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Symbols

|    |                           |
|----|---------------------------|
| Xi | Irritant.                 |
| N  | Dangerous to environment. |

##### Contains:

Consult the component labels for disclosable ingredients.

##### Risk phrases

|        |   |
|--------|---|
| R36/38 | Irritating to eyes and skin.  |
| R43    | May cause sensitisation by skin contact.  |
| R51/53 | Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |

##### Safety phrases

|        |   |
|--------|---|
| S51    | Use only in well ventilated areas.  |
| S23A   | Do not breathe vapour.  |
| S22    | Do not breathe dust.  |
| S24/25 | Avoid contact with the skin and eyes.   |
| S37    | Wear suitable gloves.   |
| S26    | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S28B   | After contact with skin, wash immediately with plenty of water.                               |
| S61    | Avoid release to the environment. Refer to special instructions/safety data sheets.           |

##### Special provisions concerning the labelling of certain substances

Contains epoxy resins. See information supplied by manufacturer.

##### Revision information:

Revision Changes:

Section 1: Product identification numbers was modified.



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
| <b>Document group:</b>                | 11-2401-5         | <b>Version number:</b>  | 11.02      |
| <b>Revision date:</b>                 | 26/07/2011        | <b>Supersedes date:</b> | 03/03/2011 |
| <b>Transportation version number:</b> | 1.00 (03/03/2011) |                         |            |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Identified uses

Structural adhesive.

#### 1.3. Details of the supplier of the substance or mixture

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

**E Mail:** tox.uk@mmm.com

**Website:** www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

##### Indication of danger

Dangerous to environment.

Irritant.

Sensitising

#### 2.2. Label elements

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

##### Symbols

Xi Irritant.

N Dangerous to environment.

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)

### Contains:

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane; Epichlorhydrin - trimethylolpropane copolymer

### Risk phrases

R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Safety phrases

S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

### Special provisions concerning the labelling of certain substances

Contains epoxy resins. See information supplied by manufacturer.

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

| Ingredient   | CAS Nbr    | EU Inventory  | % by Wt | Classification   |
|--|------------|---------------|---------|--|
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | 25068-38-6 | NLP 500-033-5 | 80 - 90 | Xi:R36-38; N:R51/53; R43 (EU)<br><br>Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 2, H411 (CLP)      |
| Epichlorhydrin - trimethylolpropane copolymer  | 30499-70-8 |               | 7 - 13  | Xi:R36-38; R43; R52/53 (Vendor)<br><br>Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412 (Vendor) |
| Dimethyl siloxane, reaction product with silica  | 67762-90-7 |               | 3 - 7   |  |

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

#### Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)

### Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

### If swallowed

Rinse mouth. If you feel unwell, get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u>   |
|------------------|--------------------|
| Aldehydes.       | During combustion. |
| Carbon monoxide. | During combustion. |
| Carbon dioxide.  | During combustion. |
| Ketones.         | During combustion. |

### 5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate the area with fresh air.

### 6.2. Environmental precautions

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

### 6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Seal the container.

### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid eye contact. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)

allowed out of the workplace. Wash contaminated clothing before reuse. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

### 7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from oxidising agents.

### 7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

The following eye protection(s) are recommended: Safety glasses with side shields.  
Indirect vented goggles.

##### Skin/hand protection

Wear protective gloves.  
Gloves made from the following material(s) are recommended: Polymer laminate

##### Respiratory protection

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half facepiece or fullface air-purifying respirator with P3 particulate filters.

Half facepiece or fullface air-purifying respirator with P2 particulate filters.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                             |                                  |
|-----------------------------|----------------------------------|
| Physical state              | Liquid.                          |
| Specific Physical Form:     | Viscous.                         |
| Appearance/Odour            | light straw colored, epoxy odour |
| pH                          | <i>Not applicable.</i>           |
| Boiling point/boiling range | <i>Not applicable.</i>           |
| Melting point               | <i>No data available.</i>        |
| Flammability (solid, gas)   | Not classified                   |
| Explosive properties        | Not classified                   |
| Oxidising properties        | Not classified                   |

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|                       |   |
|-----------------------|---|
| Flash point           | $\geq 240$ °C [ <i>Test Method: Estimated</i> ] |
| Flammable Limits(LEL) | <i>Not applicable.</i>                          |
| Flammable Limits(UEL) | <i>Not applicable.</i>                          |
| Vapour pressure       | $\leq 4$ Pa [ <i>@ 25 °C</i> ]                  |
| Relative density      | 1.18 [ <i>Ref Std: WATER=1</i> ]                |

|  |                           |
|--|---------------------------|
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate                       | <i>Not applicable.</i>    |
| Vapour density                         | <i>Not applicable.</i>    |

|           |               |
|-----------|---------------|
| Viscosity | 90 - 150 Pa-s |
| Density   | 1.18 g/ml     |

### 9.2. Other information

|   |   |
|---|---|
| Hazardous air pollutants                    | 0 % weight  |
| Volatile organic compounds (VOC)            | 0 g/l [ <i>Test Method: calculated SCAQMD rule 443.1</i> ]<br>[ <i>Details: EU VOC content</i> ]                            |
| Percent volatile                            | 0.00 % weight   |
| VOC less H <sub>2</sub> O & exempt solvents | 0 g/l [ <i>Test Method: calculated SCAQMD rule 443.1</i> ]  |
| VOC less H <sub>2</sub> O & exempt solvents | $\leq 10$ g/l [ <i>Test Method: calculated SCAQMD rule 443.1</i> ]<br>[ <i>Details: when used as intended with Part A</i> ] |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature reaction (exotherm) with production of intense heat and smoke.

### 10.5 Incompatible materials

Strong acids.  
Strong oxidising agents.

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known.      |                  |

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be

relevant to the material as a whole.

**11.1 Information on Toxicological effects**

**Signs and Symptoms of Exposure**

**Based on test data and/or information on the components, this material may produce the following health effects:**

**Eye contact**

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Dust created by cutting, grinding, sanding, or machining may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin contact**

Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

**Inhalation**

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

**Ingestion**

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

**Toxicological Data**

**Acute Toxicity**

| Name   | Route     | Species | Value  | UN GHS Classification       |
|--|-----------|---------|--|-----------------------------|
| Overall product  | Ingestion |         | No test data available; calculated ATE >5000 mg/kg | Not classified (0% unknown) |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |           |         | No data available                                  |                             |
| Epichlorhydrin - trimethylolpropane copolymer  |           |         | No data available                                  |                             |
| Dimethyl siloxane, reaction product with silica  |           |         | No data available                                  |                             |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name   | Species | Value  | UN GHS Classification |
|--|---------|--|-----------------------|
| Overall product  |         | No test data available; calculated to be mild irritant | Category 3            |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |         | Mild irritant  | Category 3            |
| Epichlorhydrin - trimethylolpropane copolymer  |         | No data available                                      |                       |
| Dimethyl siloxane, reaction product with silica  |         | No data available                                      |                       |

**Serious Eye Damage/Irritation**



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| Name   | Species | Value  | UN GHS Classification |
|--|---------|--|-----------------------|
| Overall product  |         | No test data available; calculated to be moderate irritant | Category 2B           |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |         | Moderate irritant  | Category 2B           |
| Epichlorhydrin - trimethylolpropane copolymer  |         | No data available  |                       |
| Dimethyl siloxane, reaction product with silica  |         | No data available  |                       |

**Skin Sensitisation**

| Name   | Species | Value                   | UN GHS Classification              |
|--|---------|-------------------------|------------------------------------|
| Overall product  |         | No test data available. | Category 1 based on component data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |         | Sensitising             | Category 1                         |
| Epichlorhydrin - trimethylolpropane copolymer  |         | No data available       |                                    |
| Dimethyl siloxane, reaction product with silica  |         | No data available       |                                    |

**Respiratory Sensitisation**

| Name   | Species | Value                   | UN GHS Classification                  |
|--|---------|-------------------------|--|
| Overall product  |         | No test data available. | Not classified based on component data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |         | No data available       |  |
| Epichlorhydrin - trimethylolpropane copolymer  |         | No data available       |  |
| Dimethyl siloxane, reaction product with silica  |         | No data available       |  |

**Germ Cell Mutagenicity**

| Name   | Route | Value                   | UN GHS Classification   |
|--|-------|-------------------------|---|
| Overall product  |       | No data available       | Overall Germ Cell Mutagenicity classification<br>Not classified |
| Overall product  |       | No test data available. |   |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |       | No data available       |   |
| Epichlorhydrin - trimethylolpropane copolymer  |       | No data available       |   |
| Dimethyl siloxane, reaction product with silica  |       | No data available       |   |

**Carcinogenicity**

| Name            | Route | Species | Value                   | UN GHS Classification                  |
|-----------------|-------|---------|-------------------------|--|
| Overall product |       |         | No test data available. | Not classified based on component data |

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|  |  |  |                   |  |
|--|--|--|-------------------|--|
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |  |  | No data available |  |
| Epichlorhydrin - trimethylolpropane copolymer  |  |  | No data available |  |
| Dimethyl siloxane, reaction product with silica  |  |  | No data available |  |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name   | Route | Value                   | Species | Test result | Exposure Duration | UN GHS Classification                  |
|--|-------|-------------------------|---------|-------------|-------------------|--|
| Overall product  |       | No test data available. |         |             |                   | Not classified based on component data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |       | No data available       |         |             |                   |  |
| Epichlorhydrin - trimethylolpropane copolymer  |       | No data available       |         |             |                   |  |
| Dimethyl siloxane, reaction product with silica  |       | No data available       |         |             |                   |  |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name   | Route | Target Organ(s) | Value                   | Species | Test result | Exposure Duration | UN GHS Classification                  |
|--|-------|-----------------|-------------------------|---------|-------------|-------------------|--|
| Overall product  |       |                 | No test data available. |         |             |                   | Not classified based on component data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |       |                 | No data available       |         |             |                   |  |
| Epichlorhydrin - trimethylolpropane copolymer  |       |                 | No data available       |         |             |                   |  |
| Dimethyl siloxane, reaction  |       |                 | No data available       |         |             |                   |  |

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|                     |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|
| product with silica |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|

**Specific Target Organ Toxicity - repeated exposure**

| Name   | Route | Target Organ(s) | Value                   | Species | Test result | Exposure Duration | UN GHS Classification                  |
|--|-------|-----------------|-------------------------|---------|-------------|-------------------|--|
| Overall product  |       |                 | No test data available. |         |             |                   | Not classified based on component data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane |       |                 | No data available       |         |             |                   |  |
| Epichlorhydrin - trimethylolpropane copolymer  |       |                 | No data available       |         |             |                   |  |
| Dimethyl siloxane, reaction product with silica  |       |                 | No data available       |         |             |                   |  |

**Aspiration Hazard**

| Name   | Value                    | UN GHS Classification                                   |
|--|--------------------------|---|
| Overall product  | No test data available.  | Not classified based on component and/or viscosity data |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | Not an aspiration hazard | Not classified  |
| Epichlorhydrin - trimethylolpropane copolymer  | Not an aspiration hazard | Not classified  |
| Dimethyl siloxane, reaction product with silica  | Not an aspiration hazard | Not classified  |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

**12.1. Toxicity****Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

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### **Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3 : Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

Please contact manufacturer for more details

### **12.5. Results of the PBT and vPvB assessment**

No information available at this time, contact manufacturer for more details

### **12.6. Other adverse effects**

No information available.

## SECTION 13: Disposal considerations

### **13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations

As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

### **EU waste code (product as sold)**

08 04 09\* Waste adhesives and sealants containing organic solvents or other dangerous substances  
20 01 27\* Paint, inks, adhesives and resins containing dangerous substances

## SECTION 14: Transportation information

ADR: UN3082; Environmentally Hazardous Substance, Liquid, n.o.s (Bisphenol A - Epichlorohydrin Copolymer);Class 9; Packing group III; M6.

IMDG: UN3082; Environmentally Hazardous Substance, Liquid, n.o.s (Bisphenol A - Epichlorohydrin Copolymer);Class 9; Packing group III.

IATA: UN3082; Environmentally Hazardous Substance, Liquid, n.o.s (Bisphenol A - Epichlorohydrin Copolymer);Class 9; Packing group III.

## SECTION 15: Regulatory information

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Global inventory status**

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)

(EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the China "Regulations on the Environmental Management of New Chemical Substances". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H411 | Toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects. |

### List of relevant R-phrases

|        |   |
|--------|---|
| R36    | Irritating to eyes.   |
| R38    | Irritating to skin.   |
| R43    | May cause sensitisation by skin contact.  |
| R51/53 | Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.   |
| R52/53 | Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |

### Revision information:

Revision Changes:

Section 16: UK disclaimer was modified.

Section 12: Contact manufacturer for more detail. was modified.

Section 16: Regulations – Inventories – EU ONLY was modified.

Section 1: Address was modified.

Copyright was modified.

Section 11: Acute Toxicity table was modified.

Target Organs - Single Table was modified.

Section 11: Health Effects - Eye information was modified.

Section 11: Health Effects - Skin information was modified.

Section 11: Health Effects - Inhalation information was modified.

Section 12: No PBT/vPvB information available warning was modified.

Section 6: Accidental release environmental information was modified.

Section 7: Precautions safe handling information was modified.

Section 12: Acute aquatic hazard information was added.

Section 12: Chronic aquatic hazard heading was added.

Section 12: Acute aquatic hazard heading was added.

Section 12: Chronic aquatic hazard information was added.

Company logo was added.

Telephone header was added.

Company Telephone was added.

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive, (Part B)**

Company Logo was deleted.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M United Kingdom MSDSs are available at [www.3M.com/uk](http://www.3M.com/uk)**



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
| <b>Document group:</b>                | 11-2402-3         | <b>Version number:</b>  | 11.03      |
| <b>Revision date:</b>                 | 26/07/2011        | <b>Supersedes date:</b> | 18/04/2011 |
| <b>Transportation version number:</b> | 1.00 (18/04/2011) |                         |            |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Identified uses

Structural adhesive.

#### 1.3. Details of the supplier of the substance or mixture

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

**E Mail:** tox.uk@mmm.com

**Website:** www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

##### Indication of danger

Dangerous to environment.

#### 2.2. Label elements

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

##### Symbols

N Dangerous to environment.

##### Contains:

Terphenyl, hydrogenated

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)****Risk phrases**

R51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Safety phrases**

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

| Ingredient  | CAS Nbr      | EU Inventory     | % by Wt | Classification   |
|---|--------------|------------------|---------|--|
| Mercaptan Polymer                                       | Trade Secret |                  | 60 - 80 |  |
| Terphenyl, hydrogenated                                 | 61788-32-7   | EINECS 262-967-7 | 10 - 20 | N:R50/53 (Self Classified)   |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | 90-72-2      | EINECS 202-013-9 | 7 - 13  | Xn:R22; Xi:R36-38 (EU)<br>Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 (CLP)                        |
| Dimethyl siloxane, reaction product with silica         | 67762-90-7   |                  | 1 - 5   |  |
| Bis[(dimethylamino)methyl]phenol                        | 71074-89-0   | EINECS 275-162-0 | 1 - 5   | C:R34 (Vendor)<br>Xn:R22 (Self Classified)<br>Skin Corr. 1B, H314 (Vendor)<br>Acute Tox. 4, H302 (Self Classified) |
| Polyphenyls, quater- and higher, partially hydrogenated | 68956-74-1   | EINECS 273-316-1 | 0 - 3   |  |

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

**SECTION 4: First aid measures****4.1. Description of first aid measures****Eye contact**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

**Skin contact**

Wash with soap and water. If signs/symptoms develop, get medical attention.

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**If swallowed**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 11.1 Information on toxicological effects



**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures**

**5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

**5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

**Hazardous Decomposition or By-Products**

**Substance**

Carbon monoxide.  
Carbon dioxide.  
Hydrogen Sulfide  
Oxides of nitrogen.  
Oxides of sulphur.

**Condition**

During combustion.  
During combustion.  
During combustion.  
During combustion.  
During combustion.

**5.3. Advice for fire-fighters**

No unusual fire or explosion hazards are anticipated.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate the area with fresh air.

**6.2. Environmental precautions**

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

**6.3. Methods and material for containment and cleaning up**

Collect as much of the spilled material as possible. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Seal the container.

**6.4. Reference to other sections**

Refer to Section 8 and Section 13 for more information

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Avoid eye contact. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

**7.2. Conditions for safe storage including any incompatibilities**

Store away from acids. Store away from oxidising agents.

**7.3. Specific end use(s)**

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)

personal protection recommendations.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

| Ingredient | CAS Nbr    | Agency                          | Limit type                           | Additional comments |
|------------|------------|---------------------------------|--------------------------------------|---------------------|
| Terphenyls | 61788-32-7 | Health and Safety Comm.<br>(UK) | STEL:4.8 mg/m <sup>3</sup> (0.5 ppm) |                     |

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic metre

CEIL: Ceiling

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

The following eye protection(s) are recommended: Safety glasses with side shields.  
Indirect vented goggles.

##### Skin/hand protection

Gloves made from the following material(s) are recommended: Polymer laminate

##### Respiratory protection

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half facepiece or fullface air-purifying respirator with P3 particulate filters.

Half facepiece or fullface air-purifying respirator with P2 particulate filters.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                             |   |
|-----------------------------|---|
| Physical state              | Liquid.                                   |
| Specific Physical Form:     | Viscous.                                  |
| Appearance/Odour            | dark amber, strong mercaptan odor         |
| pH                          | <i>Not applicable.</i>                    |
| Boiling point/boiling range | <i>Not applicable.</i>                    |
| Melting point               | <i>Not applicable.</i>                    |
| Flammability (solid, gas)   | Not classified                            |
| Explosive properties        | Not classified                            |
| Oxidising properties        | Not classified                            |
| Flash point                 | >=149 °C [ <i>Test Method:Estimated</i> ] |

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)

|  |                          |
|--|--------------------------|
| Flammable Limits(LEL)                  | Not applicable.          |
| Flammable Limits(UEL)                  | Not applicable.          |
| Vapour pressure                        | $\leq 2.7$ Pa [@ 20 °C ] |
| Relative density                       | 1.15 [Ref Std:WATER=1]   |
| Water solubility                       | Negligible               |
| Partition coefficient: n-octanol/water | No data available.       |
| Evaporation rate                       | Not applicable.          |
| Vapour density                         | Not applicable.          |
| Viscosity                              | 50 - 85 Pa-s             |
| Density                                | 1.15 g/ml                |

### 9.2. Other information

|                                  |   |
|----------------------------------|---|
| Hazardous air pollutants         | 0 % weight [Test Method:Calculated]   |
| Volatile organic compounds (VOC) | < 1 % weight [Test Method:calculated SCAQMD rule 443.1]<br>[Details:EU VOC content]                     |
| Percent volatile                 | < 1 % weight  |
| VOC less H2O & exempt solvents   | < 4 g/l [Test Method:calculated SCAQMD rule 443.1]  |
| VOC less H2O & exempt solvents   | $\leq 10$ g/l [Test Method:calculated SCAQMD rule 443.1]<br>[Details:when used as intended with Part B] |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature reaction (exotherm) with production of intense heat and smoke.

### 10.5 Incompatible materials

Strong oxidising agents.  
Strong acids.

### 10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known.      |                  |

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)

### 11.1 Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

##### Eye contact

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Dust created by cutting, grinding, sanding, or machining may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

##### Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

##### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

##### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. Harmful if swallowed.

##### Target Organ Effects:

Kidney/Bladder effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

#### Toxicological Data

##### Acute Toxicity

| Name  | Route                          | Species | Value   | UN GHS Classification      |
|---|--------------------------------|---------|---|----------------------------|
| Overall product                                 | Ingestion                      |         | No test data available; calculated ATE539 mg/kg | Category4 (78.66% unknown) |
| Mercaptan Polymer                               | Dermal                         | Rabbit  | LD50 > 10200 mg/kg                              | Not classified             |
| Mercaptan Polymer                               | Ingestion                      | Rat     | LD50 2600 mg/kg                                 | Category5                  |
| Terphenyl, hydrogenated                         | Dermal                         | Rabbit  | LD50 6800 mg/kg                                 | Not classified             |
| Terphenyl, hydrogenated                         | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 11 mg/l                                  | Category5                  |
| Terphenyl, hydrogenated                         | Ingestion                      | Rat     | LD50 > 10000 mg/kg                              | Not classified             |
| 2,4,6-Tris(dimethylaminomethyl)phenol           | Dermal                         | Rat     | LD50 1280 mg/kg                                 | Category4                  |
| 2,4,6-Tris(dimethylaminomethyl)phenol           | Ingestion                      | Rat     | LD50 1000 mg/kg                                 | Category4                  |
| Dimethyl siloxane, reaction product with silica | Dermal                         | Rabbit  | LD50 > 5000 mg/kg                               | Not classified             |
| Dimethyl siloxane, reaction product with silica | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 0.691 mg/l                               | Category5                  |
| Dimethyl siloxane, reaction                     | Ingestion                      | Rat     | LD50 > 5110 mg/kg                               | Not classified             |

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)**

|   |           |  |                                       |           |
|---|-----------|--|---------------------------------------|-----------|
| product with silica                                     |           |  |                                       |           |
| Polyphenyls, quater- and higher, partially hydrogenated |           |  | No data available                     |           |
| Bis[(dimethylamino)methyl]phenol                        | Ingestion |  | LD50 estimated to be 300 - 2000 mg/kg | Category4 |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name  | Species | Value  | UN GHS Classification |
|---|---------|--|-----------------------|
| Overall product   |         | No test data available; calculated to be mild irritant | Category 3            |
| Mercaptan Polymer                                       |         | No data available                                      |                       |
| Terphenyl, hydrogenated                                 |         | No data available                                      |                       |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   |         | Irritant   | Category 2            |
| Dimethyl siloxane, reaction product with silica         | Rabbit  | No significant irritation                              | Not classified        |
| Polyphenyls, quater- and higher, partially hydrogenated |         | No data available                                      |                       |
| Bis[(dimethylamino)methyl]phenol                        |         | No data available                                      |                       |

**Serious Eye Damage/Irritation**

| Name  | Species | Value  | UN GHS Classification |
|---|---------|--|-----------------------|
| Overall product   |         | No test data available; calculated to be moderate irritant | Category 2B           |
| Mercaptan Polymer                                       |         | No data available  |                       |
| Terphenyl, hydrogenated                                 |         | No data available  |                       |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   |         | Severe irritant  | Category 2A           |
| Dimethyl siloxane, reaction product with silica         | Rabbit  | No significant irritation                                  | Not classified        |
| Polyphenyls, quater- and higher, partially hydrogenated |         | No data available  |                       |
| Bis[(dimethylamino)methyl]phenol                        |         | No data available  |                       |

**Skin Sensitisation**

| Name  | Species          | Value                   | UN GHS Classification                  |
|---|------------------|-------------------------|--|
| Overall product   |                  | No test data available. | Not classified based on component data |
| Mercaptan Polymer                                       |                  | No data available       |  |
| Terphenyl, hydrogenated                                 |                  | No data available       |  |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   |                  | Not sensitizing         | Not classified                         |
| Dimethyl siloxane, reaction product with silica         | Human and animal | Not sensitizing         | Not classified                         |
| Polyphenyls, quater- and higher, partially hydrogenated |                  | No data available       |  |
| Bis[(dimethylamino)methyl]phenol                        |                  | No data available       |  |

**Respiratory Sensitisation**

| Name                    | Species | Value                   | UN GHS Classification                  |
|-------------------------|---------|-------------------------|--|
| Overall product         |         | No test data available. | Not classified based on component data |
| Mercaptan Polymer       |         | No data available       |  |
| Terphenyl, hydrogenated |         | No data available       |  |

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)**

|   |  |                   |  |
|---|--|-------------------|--|
| 2,4,6-Tris(dimethylaminomethyl)phenol                   |  | No data available |  |
| Dimethyl siloxane, reaction product with silica         |  | No data available |  |
| Polyphenyls, quater- and higher, partially hydrogenated |  | No data available |  |
| Bis[(dimethylamino)methyl]phenol                        |  | No data available |  |

**Germ Cell Mutagenicity**

| Name  | Route    | Value                   | UN GHS Classification  |
|---|----------|-------------------------|--|
| Overall product   |          | No data available       | Overall Germ Cell Mutagenicity classification Not classified |
| Overall product   |          | No test data available. |  |
| Mercaptan Polymer                                       |          | No data available       |  |
| Terphenyl, hydrogenated                                 |          | No data available       |  |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | In Vitro | Not mutagenic           | Not classified   |
| Dimethyl siloxane, reaction product with silica         | In Vitro | Not mutagenic           | Not classified   |
| Polyphenyls, quater- and higher, partially hydrogenated |          | No data available       |  |
| Bis[(dimethylamino)methyl]phenol                        |          | No data available       |  |

**Carcinogenicity**

| Name  | Route          | Species | Value  | UN GHS Classification                  |
|---|----------------|---------|--|--|
| Overall product   |                |         | No test data available.  | Not classified based on component data |
| Mercaptan Polymer                                       |                |         | No data available  |  |
| Terphenyl, hydrogenated                                 |                |         | No data available  |  |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   |                |         | No data available  |  |
| Dimethyl siloxane, reaction product with silica         | Not specified. | Mouse   | Some positive data exist, but the data are not sufficient for classification | Not classified                         |
| Polyphenyls, quater- and higher, partially hydrogenated |                |         | No data available  |  |
| Bis[(dimethylamino)methyl]phenol                        |                |         | No data available  |  |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name                                  | Route | Value                   | Species | Test result | Exposure Duration | UN GHS Classification                  |
|---------------------------------------|-------|-------------------------|---------|-------------|-------------------|--|
| Overall product                       |       | No test data available. |         |             |                   | Not classified based on component data |
| Mercaptan Polymer                     |       | No data available       |         |             |                   |  |
| Terphenyl, hydrogenated               |       | No data available       |         |             |                   |  |
| 2,4,6-Tris(dimethylaminomethyl)phenol |       | No data available       |         |             |                   |  |

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)**

|   |           |                                  |     |                      |                      |  |
|---|-----------|----------------------------------|-----|----------------------|----------------------|--|
| Dimethyl siloxane, reaction product with silica         | Ingestion | Not toxic to female reproduction | Rat | NOAEL 509 mg/kg/day  | 1 generation         |  |
| Dimethyl siloxane, reaction product with silica         | Ingestion | Not toxic to male reproduction   | Rat | NOAEL 497 mg/kg/day  | 1 generation         |  |
| Dimethyl siloxane, reaction product with silica         | Ingestion | Not toxic to development         | Rat | NOAEL 1350 mg/kg/day | during organogenesis |  |
| Polyphenyls, quater- and higher, partially hydrogenated |           | No data available                |     |                      |                      |  |
| Bis[(dimethylamino)methyl]phenol                        |           | No data available                |     |                      |                      |  |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name  | Route      | Target Organ(s)        | Value  | Species | Test result         | Exposure Duration | UN GHS Classification |
|---|------------|------------------------|--|---------|---------------------|-------------------|-----------------------|
| Mercaptan Polymer                                       |            |                        | No data available  |         |                     |                   |                       |
| Terphenyl, hydrogenated                                 |            |                        | No data available  |         |                     |                   |                       |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification |         | Irritation Positive |                   | Not classified        |
| Dimethyl siloxane, reaction product with silica         |            |                        | No data available  |         |                     |                   |                       |
| Polyphenyls, quater- and higher, partially hydrogenated |            |                        | No data available  |         |                     |                   |                       |
| Bis[(dimethylamino)methyl]phenol                        |            |                        | No data available  |         |                     |                   |                       |

**Specific Target Organ Toxicity - repeated exposure**

| Name              | Route | Target Organ(s) | Value                   | Species | Test result | Exposure Duration | UN GHS Classification              |
|-------------------|-------|-----------------|-------------------------|---------|-------------|-------------------|------------------------------------|
| Overall product   |       |                 | No test data available. |         |             |                   | Category 1 based on component data |
| Mercaptan Polymer |       |                 | No data available       |         |             |                   |                                    |

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)**

|   |            |   |  |       |                     |                       |                |
|---|------------|---|--|-------|---------------------|-----------------------|----------------|
| Terphenyl, hydrogenated                                 |            |   | No data available  |       |                     |                       |                |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Dermal     | skin  | Some positive data exist, but the data are not sufficient for classification |       | NOEL 5 mg/kg/day    |                       | Not classified |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Dermal     | liver   | Some positive data exist, but the data are not sufficient for classification |       | NOEL 25 mg/kg/day   |                       | Not classified |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Dermal     | nervous system                                | Some positive data exist, but the data are not sufficient for classification |       | NOEL 5 mg/kg/day    |                       | Not classified |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Dermal     | auditory system   hematopoietic system   eyes | All data are negative  |       | NOAEL 125 mg/kg/day |                       | Not classified |
| Dimethyl siloxane, reaction product with silica         | Inhalation | respiratory system   silicosis                | All data are negative  | Human | NOAEL Not available | occupational exposure | Not classified |
| Polyphenyls, quater- and higher, partially hydrogenated |            |   | No data available  |       |                     |                       |                |
| Bis[(dimethylamino)methyl]phenol                        |            |   | No data available  |       |                     |                       |                |

**Aspiration Hazard**

| Name  | Value                    | UN GHS Classification                                   |
|---|--------------------------|---|
| Overall product   | No test data available.  | Not classified based on component and/or viscosity data |
| Mercaptan Polymer                                       | Not an aspiration hazard | Not classified  |
| Terphenyl, hydrogenated                                 | Not an aspiration hazard | Not classified  |
| 2,4,6-Tris(dimethylaminomethyl)phenol                   | Not an aspiration hazard | Not classified  |
| Dimethyl siloxane, reaction product with silica         | Not an aspiration hazard | Not classified  |
| Polyphenyls, quater- and higher, partially hydrogenated | Not an aspiration hazard | Not classified  |
| Bis[(dimethylamino)methyl]phenol                        | Not an aspiration hazard | Not classified  |

**Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.**



## **SECTION 12: Ecological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### **12.1. Toxicity**

#### **Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

#### **Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3 : Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

Please contact manufacturer for more details

### **12.5. Results of the PBT and vPvB assessment**

No information available at this time, contact manufacturer for more details

### **12.6. Other adverse effects**

No information available.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations

As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

#### **EU waste code (product as sold)**

|           |  |
|-----------|--|
| 08 04 09* | Waste adhesives and sealants containing organic solvents or other dangerous substances |
| 20 01 27* | Paint, inks, adhesives and resins containing dangerous substances                      |

## **SECTION 14: Transportation information**

ADR: UN3082;Environmentally Hazardous Substances, liquid, n.o.s. (Hydrogenated Terphenyl);Class 9;Packaging group

## 3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)

III;M6.

IMDG: UN3082;Environmentally Hazardous Substances, liquid, n.o.s. (Hydrogenated Terphenyl);Class 9;Packaging group III..

IATA: UN3082;Environmentally Hazardous Substances, liquid, n.o.s. (Hydrogenated Terphenyl);Class 9;Packaging group III..

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the China "Regulations on the Environmental Management of New Chemical Substances". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

|      |  |
|------|--|
| H302 | Harmful if swallowed.                    |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H319 | Causes serious eye irritation.           |

### List of relevant R-phrases

|        |  |
|--------|--|
| R22    | Harmful if swallowed.  |
| R34    | Causes burns.  |
| R36    | Irritating to eyes.  |
| R38    | Irritating to skin.  |
| R50/53 | Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |

### Revision information:

Revision Changes:

Section 16: UK disclaimer was modified.

Section 3: Composition/ Information of ingredients table was modified.

Section 13: EU waste code (product as sold) information was modified.

Section 16: Regulations – Inventories – EU ONLY was modified.

Copyright was modified.

Section 11: Acute Toxicity table was modified.

Serious Eye Damage/Irritation Table was modified.

Target Organs - Repeated Table was modified.

Section 11: Health Effects - Eye information was modified.

Section 11: Health Effects - Skin information was modified.

Section 11: Health Effects - Inhalation information was modified.

Section 11: Health Effects - Ingestion information was modified.

Section 7: Precautions safe handling information was modified.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given

**3M Scotch-Weld DP-100 NS Translucent Epoxy Adhesive (Part A)**

material. was modified.

Section 12: Acute aquatic hazard information was added.

Section 12: Chronic aquatic hazard heading was added.

Section 12: Acute aquatic hazard heading was added.

Section 12: Chronic aquatic hazard information was added.

Section 11: Target Organ Effects heading was added.

Section 11: Health Effects - Other information was added.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M United Kingdom MSDSs are available at [www.3M.com/uk](http://www.3M.com/uk)**