



Safety Data Sheet

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Document group:	08-6252-4	Version number:	14.08
Revision date:	01/12/2011	Supersedes date:	09/11/2011
Transportation version number:	1.00 (26/10/2010)		

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-810 Low Odour Acrylic 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

Harmful.

Sensitising

2.2. Label elements

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

Symbols

Xn Harmful.

Contains:

2-Hydroxypropyl methacrylate; α,α -Dimethylbenzyl hydroperoxide; 2-Hydroxyethyl methacrylate

3M Scotch-Weld DP-810 Low Odour Acrylic Adhesive (Part A)**Risk phrases**

R20	Harmful by inhalation.
R41	Risk of serious damage to eyes.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety phrases

S23A	Do not breathe vapour.
S24	Avoid contact with skin.
S37/39A	Wear suitable gloves and eye protection.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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
2-Phenoxyethyl methacrylate	10595-06-9	EINECS 234-201-1	10 - 30	Xi:R36-37-38 (Self Classified)
2-Hydroxypropyl methacrylate	923-26-2	EINECS 213-090-3	10 - 30	Xi:R36; R43 - Nota C,D (EU) Eye Irrit. 2, H319; Skin Sens. 1, H317 - Nota C,D (CLP)
2-Hydroxyethyl methacrylate	868-77-9	EINECS 212-782-2	10 - 30	Xi:R36-38; R43 - Nota D (EU) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 - Nota D (CLP)
Bisphenol A dimethacrylate, ethoxylated	41637-38-1		10 - 30	
Acrylonitrile - butadiene polymer	9003-18-3		5 - 10	
Methyl methacrylate - butadiene - styrene polymer	25053-09-2		5 - 10	
α,α -Dimethylbenzyl hydroperoxide	80-15-9	EINECS 201-254-7	3 - 7	O:R7; T:R23; C:R34; Xn:R21-22-48/20; Xn:R48/22; N:R51/53 (EU) Org. Perox. EF, H242; Acute Tox. 2, H330; Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Corr. 1B, H314; STOT SE 3, H335; STOT RE 1, H372; Aquatic Chronic 2, H411 (CLP)
Paraffin Wax	8002-74-2	EINECS 232-315-6	1 - 5	
p-Benzoquinone	106-51-4	EINECS 203-405-2	0 - 0.1	T:R23-25; Xi:R36-37-38; N:R50 (EU) Acute Tox. 3, H331; Acute Tox. 3, H301; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3,

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				H335; Aquatic Acute 1, H400,M=10 (CLP)
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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

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately 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.

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

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Oxides of nitrogen.	During combustion.
Toxic vapour, gas, particulate.	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

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation

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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.

6.2. Environmental precautions

Avoid release to the environment. 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

Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Place in a closed container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

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

For industrial or professional use only. Do not breathe 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 allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid breathing of vapours created during the cure cycle. Do not use in a confined area or areas with little or no air movement. Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

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

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Paraffin Wax	8002-74-2	Health and Safety Comm. (UK)	TWA(as fume):2 mg/m ³ ;STEL(as fume):6 mg/m ³	

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

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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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. Curing enclosures must be exhausted to outdoors or to a suitable emission control device.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Wear eye/face protection.
The following eye protection(s) are recommended: Full face shield.
Indirect vented goggles.

Skin/hand protection

Wear protective gloves.
Gloves made from the following material(s) are recommended: Polyvinyl alcohol (PVA).

Respiratory protection

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:
Half face piece or full face air-purifying respirator with organic vapour cartridges.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Paste
Appearance/Odour	white, low odour
pH	<i>Not applicable.</i>
Boiling point/boiling range	≥ 102.8 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	102.2 °C [<i>Test Method</i> :Closed Cup]
Autoignition temperature	<i>No data available.</i>
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Vapour pressure	≤ 13.3 Pa
Relative density	1.07 [<i>Ref Std</i> :WATER=1]
Water solubility	Slight (less than 10%)
Evaporation rate	<i>No data available.</i>
Vapour density	<i>Not applicable.</i>
Viscosity	20 Pa-s
Density	1.07 g/ml

9.2. Other information

Hazardous air pollutants	< 30 % weight [<i>Test Method</i> :Calculated]
Volatile organic compounds (VOC)	349 g/l [<i>Test Method</i> :tested per EPA method 24] [<i>Details</i> :EU VOC content]
Percent volatile	≤ 55 % weight
VOC less H ₂ O & exempt solvents	349 g/l [<i>Test Method</i> :tested per EPA method 24]

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VOC less H2O & exempt solvents

23 g/l [*Test Method:* tested per EPA method 24] [*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 may occur.

10.4 Conditions to avoid

Heat.

Sparks and/or flames.

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

Amines.

Reducing agents.

Reactive metals

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

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Skin contact

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

Inhalation

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Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

Ingestion

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

Target Organ Effects:

Prolonged or repeated exposure may cause:

Neurological effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and changes in blood pressure and heart rate. Respiratory effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish coloured skin (cyanosis), sputum production, changes in lung function tests, and respiratory failure.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value	UN GHS Classification
Overall product	Ingestion		No test data available; calculated ATE3,192 mg/kg	Category5 (0% unknown)
2-Phenoxyethyl methacrylate	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg	Category5
2-Hydroxyethyl methacrylate	Dermal	Rabbit	LD50 > 3,000 mg/kg	Category5
2-Hydroxyethyl methacrylate	Ingestion	Rat	LD50 5,564 mg/kg	Not classified
2-Hydroxypropyl methacrylate	Ingestion	Rat	LD50 > 2,000 mg/kg	Not classified
Bisphenol A dimethacrylate, ethoxylated	Ingestion	Rat	LD50 > 2,000 mg/kg	Not classified
Acrylonitrile - butadiene polymer	Ingestion		LD50 estimated to be > 5,000 mg/kg	Not classified
Methyl methacrylate - butadiene - styrene polymer	Dermal	Rabbit	LD50 >= 5,000 mg/kg	Not classified
Methyl methacrylate - butadiene - styrene polymer	Ingestion	Rat	LD50 >= 5,000 mg/kg	Not classified
α,α -Dimethylbenzyl hydroperoxide	Dermal	Rat	LD50 500 mg/kg	Category3
α,α -Dimethylbenzyl hydroperoxide	Inhalation-Vapor (4 hours)	Rat	LC50 1 mg/l	Category2
α,α -Dimethylbenzyl hydroperoxide	Ingestion	Rat	LD50 382 mg/kg	Category4
Paraffin Wax	Dermal	Rabbit	LD50 > 5,000 mg/kg	Not classified
Paraffin Wax	Ingestion	Rat	LD50 > 5,000 mg/kg	Not classified
p-Benzoquinone	Dermal		estimated to be > 5,000 mg/kg	Not classified
p-Benzoquinone	Inhalation-Dust/Mist		estimated to be > 13 mg/l	Not classified
p-Benzoquinone	Inhalation-Vapor		estimated to be 2 - 10 mg/l	Category3
p-Benzoquinone	Ingestion		estimated to be 50 - 300 mg/kg	Category3

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be irritant	Category 2
2-Phenoxyethyl methacrylate		No data available	
2-Hydroxyethyl methacrylate		Mild irritant	Category 3
2-Hydroxypropyl methacrylate		No data available	
Bisphenol A dimethacrylate, ethoxylated		No data available	
Acrylonitrile - butadiene polymer		No significant irritation	Not classified

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Methyl methacrylate - butadiene - styrene polymer		Minimal irritation	Not classified
α,α -Dimethylbenzyl hydroperoxide		Irritant	Category 2
Paraffin Wax		No data available	
p-Benzoquinone		No data available	

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be corrosive	Category 1
2-Phenoxyethyl methacrylate		No data available	
2-Hydroxyethyl methacrylate		Moderate irritant	Category 2B
2-Hydroxypropyl methacrylate		No data available	
Bisphenol A dimethacrylate, ethoxylated		No data available	
Acrylonitrile - butadiene polymer		No significant irritation	Not classified
Methyl methacrylate - butadiene - styrene polymer		Mild irritant	Not classified
α,α -Dimethylbenzyl hydroperoxide		Severe irritant	Category 2A
Paraffin Wax		No data available	
p-Benzoquinone		No data available	

Skin Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Category 1 based on component data
2-Phenoxyethyl methacrylate		No data available	
2-Hydroxyethyl methacrylate		Sensitising	Category 1
2-Hydroxypropyl methacrylate		No data available	
Bisphenol A dimethacrylate, ethoxylated	Guinea pig	Not sensitizing	Not classified
Acrylonitrile - butadiene polymer		No data available	
Methyl methacrylate - butadiene - styrene polymer		No data available	
α,α -Dimethylbenzyl hydroperoxide		No data available	
Paraffin Wax		No data available	
p-Benzoquinone		No data available	

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
2-Phenoxyethyl methacrylate		No data available	
2-Hydroxyethyl methacrylate		No data available	
2-Hydroxypropyl methacrylate		No data available	
Bisphenol A dimethacrylate, ethoxylated		No data available	
Acrylonitrile - butadiene polymer		No data available	
Methyl methacrylate - butadiene - styrene polymer		No data available	
α,α -Dimethylbenzyl hydroperoxide		No data available	
Paraffin Wax		No data available	
p-Benzoquinone		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.	
2-Phenoxyethyl methacrylate		No data available	
2-Hydroxyethyl methacrylate	In Vitro	Some positive data exist, but the data are not sufficient for	Not classified

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		classification	
2-Hydroxypropyl methacrylate		No data available	
Bisphenol A dimehtacrylate, ethoxylated	In Vitro	Not mutagenic	Not classified
Acrylonitrile - butadiene polymer		No data available	
Methyl methacrylate - butadiene - styrene polymer		No data available	
α,α -Dimethylbenzyl hydroperoxide	In vivo	Not mutagenic	Not classified
α,α -Dimethylbenzyl hydroperoxide	In Vitro	Some positive data exist, but the data are not sufficient for classification	Not classified
Paraffin Wax		No data available	
p-Benzoquinone		No data available	

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
2-Phenoxyethyl methacrylate			No data available	
2-Hydroxyethyl methacrylate			No data available	
2-Hydroxypropyl methacrylate			No data available	
Bisphenol A dimehtacrylate, ethoxylated			No data available	
Acrylonitrile - butadiene polymer			No data available	
Methyl methacrylate - butadiene - styrene polymer			No data available	
α,α -Dimethylbenzyl hydroperoxide			No data available	
Paraffin Wax			No data available	
p-Benzoquinone			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
2-Phenoxyethyl methacrylate		No data available				
2-Hydroxyethyl methacrylate	Ingestion	Not toxic to reproduction and/or development		NOAEL 1,000 mg/kg/day		
2-Hydroxypropyl methacrylate		No data available				
Bisphenol A dimehtacrylate, ethoxylated		No data available				
Acrylonitrile - butadiene polymer		No data available				
Methyl methacrylate - butadiene - styrene polymer		No data available				
α,α -Dimethylbenzyl hydroperoxide		No data available				
Paraffin Wax		No data available				
p-Benzoquinone		No data available				

Target Organ(s)

3M Scotch-Weld DP-810 Low Odour Acrylic Adhesive (Part A)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
2-Phenoxyethyl methacrylate			No data available				
2-Hydroxyethyl methacrylate			No data available				
2-Hydroxypropyl methacrylate			No data available				
Bisphenol A dimethacrylate, ethoxylated			No data available				
Acrylonitrile - butadiene polymer			No data available				
Methyl methacrylate - butadiene - styrene polymer			No data available				
α,α -Dimethylbenzyl hydroperoxide	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
α,α -Dimethylbenzyl hydroperoxide	Inhalation	respiratory irritation	May cause respiratory irritation				Category 3
Paraffin Wax			No data available				
p-Benzoquinone			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
2-Phenoxyethyl methacrylate			No data available				
2-Hydroxyethyl methacrylate			No data available				
2-Hydroxypropyl methacrylate			No data available				
Bisphenol A dimethacrylate, ethoxylated			No data available				
Acrylonitrile - butadiene polymer			No data available				

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Methyl methacrylate - butadiene - styrene polymer			No data available				
α,α -Dimethylbenzyl hydroperoxide	Inhalation	nervous system respiratory system	May cause damage to organs though prolonged or repeated exposure				Category 2
α,α -Dimethylbenzyl hydroperoxide	Inhalation	heart liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL 0.03 mg/l		Not classified
Paraffin Wax			No data available				
p-Benzoquinone			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
2-Phenoxyethyl methacrylate	Not an aspiration hazard	Not classified
2-Hydroxyethyl methacrylate	Not an aspiration hazard	Not classified
2-Hydroxypropyl methacrylate	Not an aspiration hazard	Not classified
Bisphenol A dimethacrylate, ethoxylated	Not an aspiration hazard	Not classified
Acrylonitrile - butadiene polymer	Not an aspiration hazard	Not classified
Methyl methacrylate - butadiene - styrene polymer	Not an aspiration hazard	Not classified
α,α -Dimethylbenzyl hydroperoxide	Not an aspiration hazard	Not classified
Paraffin Wax	Not an aspiration hazard	Not classified
p-Benzoquinone	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:**

GHS Acute 3: Harmful to aquatic life.

Chronic aquatic hazard:

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

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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

Incinerate uncured product in a permitted waste incineration facility. Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial 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: Not hazardous for transport

IATA: Not hazardous for transport

IMDG: Not hazardous for transport

SECTION 15: Regulatory information

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

Carcinogenicity

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
p-Benzoquinone	106-51-4	Gr. 3: Not classifiable	International Agency for Research on Cancer

Global inventory status

Contact 3M for more 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 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

H242	Heating may cause a fire.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R23	Toxic by inhalation.
R25	Toxic if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50	Very toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R7	May cause fire.

Revision information:

Revision Changes:

Section 12: Acute aquatic hazard information was modified.

Section 12: Chronic aquatic hazard information was modified.

Germ Cell Mutagenicity Table was modified.

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