



## Safety Data Sheet

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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

Silicone Lubricant

#### Product identification numbers

DE-9999-5336-2

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

##### Identified uses

Silicone lubricant.

#### 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

Extremely flammable.

#### 2.2. Label elements

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

##### Symbols

F+ Extremely flammable.

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### Contains:

No ingredients are assigned to the label.

### Risk phrases

R12 Extremely flammable.

### Safety phrases

S16 Keep away from sources of ignition - No Smoking.  
S2 Keep out of the reach of children.  
S23C Do not breathe vapour or spray.  
S51 Use only in well ventilated areas.  
S24 Avoid contact with skin.

### Special provisions concerning the labelling of certain substances

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

### Notes on labelling

Nota P applied to CASRN 64742-49-0.

### 2.3. Other hazards

May cause frostbite.

## SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Butane	106-97-8	EINECS 203-448-7	60 - 90	F+:R12 - Nota C (EU)  Flam. Gas 1, H220; Liquified gas, H280 - Nota C,U (CLP)
Siloxanes and silicones, di-Me	63148-62-9		5 - 20	
Naphtha (petroleum), hydrotreated light	64742-49-0	EINECS 265-151-9	1 - 20	Xn:R65 - Nota 4,P (EU) F:R11 (Vendor) R66; R67 (Self Classified)  Asp. Tox. 1, H304 - Nota P (CLP) Flam. Liq. 2, H225 (Vendor) STOT SE 3, H336 (Self Classified)

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. Remove contact lenses if easy to do. Continue rinsing. Get medical

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attention.

### **Skin contact**

Thaw frosted skin with lukewarm water. Do not rub affected area. Get medical attention.

### **Inhalation**

Remove person to fresh air. 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**

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

## SECTION 5: Fire-fighting measures

### **5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids or gases such as dry chemical or carbon dioxide.

### **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>
Hydrocarbons.	During combustion.
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

### **5.3. Advice for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

## SECTION 6: Accidental release measures

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

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. 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.

### **6.2. Environmental precautions**

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

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

Contain spill. If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR-AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient

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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 using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. 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. 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

Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. 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 heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Pressurized container: Do not pierce or burn, even after use. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

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

Store away from acids. Store away from oxidising agents. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### 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
Butane	106-97-8	Health and Safety Comm. (UK)	TWA:1450 mg/m <sup>3</sup> (600 ppm);STEL:1810 mg/m <sup>3</sup> (750 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

Do not remain in area where available oxygen may be reduced. 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

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Wear eye/face protection.

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

### Skin/hand protection

Wear protective gloves.

Gloves made from the following material(s) are recommended: Nitrile rubber.

### Respiratory protection

In case of inadequate ventilation wear 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.

Half facepiece or fullface supplied-air respirator.

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid.
Specific Physical Form:	Aerosol
Appearance/Odour	colourless, solvent odour
pH	<i>No data available.</i>
Boiling point/boiling range	<i>Not applicable.</i>
Melting point	<i>No data available.</i>
Flammability (solid, gas)	Flammable Aerosol: Category 1.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	$\leq -30$ °C
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	<i>No data available.</i>
Relative density	$\pm 0.587$ Units not available or not applicable. [Ref Std:WATER=1]
Water solubility	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Viscosity	<i>No data available.</i>

### 9.2. Other information

Volatile organic compounds (VOC)	<i>No data available.</i>
Percent volatile	<i>No data available.</i>
VOC less H <sub>2</sub> O & exempt solvents	<i>No data available.</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.

Sparks and/or flames.

High shear and high temperature conditions

### 10.5 Incompatible materials

Strong oxidising agents.

Explosive when mixed with oxidizing substances.

Strong acids.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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None known.	
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## 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

Frostbite: Signs/symptoms may include intense pain, clouding of the cornea, redness, swelling, and blindness. Contact with the eyes during product use is not expected to result in significant irritation.

#### Skin contact

Frostbite: Signs/symptoms may include intense pain, discoloration of skin, and tissue destruction. Contact with the skin during product use is not expected to result in significant irritation.

#### Inhalation

Intentional concentration and inhalation may be harmful or fatal. 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.

#### Target Organ Effects:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

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Single exposure, above recommended guidelines, may cause:

Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

**Toxicological Data****Acute Toxicity**

Name	Route	Species	Value	UN GHS Classification
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg	Not classified (0% unknown)
Butane	Inhalation-Gas (4 hours)	Rat	LC50 277,000 ppm	Not classified
Naphtha (petroleum), hydrotreated light	Dermal	Rabbit	LD50 > 3,160 mg/kg	Not classified
Naphtha (petroleum), hydrotreated light	Inhalation-Vapor (4 hours)	Rat	LC50 > 14.7 mg/l	Not classified
Naphtha (petroleum), hydrotreated light	Ingestion	Rat	LD50 > 5,000 mg/kg	Not classified
Siloxanes and silicones, di-Me	Dermal		LD50 > 2,000 mg/kg	Not classified
Siloxanes and silicones, di-Me	Ingestion		LD50 > 17,000 mg/kg	Not classified

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to cause no significant irritation	Not classified
Butane		No significant irritation	Not classified
Naphtha (petroleum), hydrotreated light		Mild irritant	Category 3
Siloxanes and silicones, di-Me		Minimal irritation	Not classified

**Serious Eye Damage/Irritation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to cause no significant irritation	Not classified
Butane		No significant irritation	Not classified
Naphtha (petroleum), hydrotreated light		Mild irritant	Not classified
Siloxanes and silicones, di-Me		Mild irritant	Not classified

**Skin Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Butane		No data available	
Naphtha (petroleum), hydrotreated light		Not sensitizing	Not classified
Siloxanes and silicones, di-Me		No data available	

**Respiratory Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Butane		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Siloxanes and silicones, di-Me		No data available	

**Germ Cell Mutagenicity**

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity

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			classification Not classified
Overall product		No test data available.	
Butane	In Vitro	Not mutagenic	Not classified
Naphtha (petroleum), hydrotreated light	In Vitro	Not mutagenic	Not classified
Siloxanes and silicones, di-Me		No data available	

**Carcinogenicity**

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
Butane			No data available	
Naphtha (petroleum), hydrotreated light	Inhalation		Some positive data exist, but the data are not sufficient for classification	Not classified
Siloxanes and silicones, di-Me			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
Butane		No data available				
Naphtha (petroleum), hydrotreated light	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOAEL 3,000 ppm		
Siloxanes and silicones, di-Me		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.				Category 1 based on component data
Butane	Inhalation	cardiac sensitization	Causes damage to organs		NOAEL N/A		Category 1
Butane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 10,000 ppm		Category 3
Butane	Inhalation	heart	Some positive data exist, but the data are not sufficient for classification		LOEL 5,000 ppm		Not classified
Butane	Inhalation	respiratory irritation	All data are negative		Irritation Negative		Not classified
Naphtha (petroleum), hydrotreated	Inhalation	central nervous system	May cause drowsiness or dizziness		NOAEL N/A		Category 3



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light		depression					
Naphtha (petroleum), hydrotreated light	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Naphtha (petroleum), hydrotreated light	Ocular	lacrimation	Some positive data exist, but the data are not sufficient for classification		LOEL 900 ppm		Not classified
Siloxanes and silicones, di-Me			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.				Not classified based on component data
Butane	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOEL 1,017 ppm		Not classified
Butane	Inhalation	blood	All data are negative		NOAEL 4,489 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Dermal	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 100 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Inhalation	endocrine system	Some positive data exist, but the data are not sufficient for classification		LOEL 900 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 3,000 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 900 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Inhalation	hematopoietic system	All data are negative		NOEL 0.23 mg/l		Not classified
Naphtha (petroleum), hydrotreated light	Inhalation	central nervous system   peripheral nervous system	All data are negative		NOEL 9,000 ppm		Not classified
Naphtha (petroleum), hydrotreated light	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A		Not classified

**Aspiration Hazard**

Name	Value	UN GHS Classification
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Overall product	No test data available.	Not classified based on component and/or viscosity data
Butane	Not an aspiration hazard	Not classified
Naphtha (petroleum), hydrotreated light	Aspiration hazard	Category 1
Siloxanes and silicones, di-Me	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

Dispose of waste product in a permitted industrial waste facility. Facility must be capable of handling aerosol cans.

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

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complied with and always use a licensed waste contractor.

### EU waste code (product as sold)

16 05 04\* Gases in pressure containers (including halons) containing dangerous substances

### EU waste code (product container after use)

15 01 04 Metallic packaging

## SECTION 14: Transportation information

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**ADR/RID:** UN1950, AEROSOLS, LIMITED QUANTITY, 2.1, (D), ADR Classification Code: 5F.

**IMDG-CODE:** UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, EMS: FD,SU.

**ICAO/IATA:** UN1950, AEROSOLS, FLAMMABLE, 2.1.

## SECTION 15: Regulatory information

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

#### Global inventory status

Contact 3M for more information.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

### List of relevant R-phrases

R11	Highly flammable.
R12	Extremely flammable.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### Revision information:

Revision Changes:

Risk phrase was modified.

Safety phrase was modified.

Section 9: pH information was modified.

Section 2: Symbol was modified.

Section 16: UK disclaimer was modified.

Section 1: Product identification numbers heading was modified.

Section 1: Product identification numbers was modified.

Section 9: Evaporation Rate information was modified.

Section 9: Viscosity information was modified.  
Section 16: List of relevant R phrase information was modified.  
Section 3: Composition/ Information of ingredients table was modified.  
Section 9: n-octanol/water coefficient information was modified.  
Section 9: Boiling point information was modified.  
Section 9: Relative density information was modified.  
Section 9: Solubility in water value was modified.  
Section 12: Contact manufacturer for more detail. was modified.  
Section 13: EU waste code (product as sold) information was modified.  
Section 12: Acute aquatic hazard information was modified.  
Section 12: Chronic aquatic hazard information was modified.  
Section 13: EU waste code (product container after use) information was modified.  
Section 10: Materials to avoid physical property was modified.  
Section 10: Conditions to avoid physical property was modified.  
Section 2: Other hazards phrase was modified.  
Section 1: Address was modified.  
Copyright was modified.  
Section 9: Flash point information was modified.  
Section 9: Melting point information was modified.  
Section 9: Flammable limits (LEL) information was modified.  
Section 9: Flammable limits (UEL) information was modified.  
Section 9: Vapour density value was modified.  
Section 9: Vapour pressure value was modified.  
Section 9: Property description for optional properties was modified.  
Section 2: Additional label requirements phrase was modified.  
Section 8: Occupational exposure limit table was modified.  
Section 8: mg/m<sup>3</sup> key was modified.  
Aspiration Hazard Table was modified.  
Section 11: Acute Toxicity table was modified.  
Carcinogenicity Table was modified.  
Serious Eye Damage/Irritation Table was modified.  
Germ Cell Mutagenicity Table was modified.  
Skin Sensitisation Table was modified.  
Respiratory Sensitisation Table was modified.  
Reproductive Toxicity Table was modified.  
Skin Corrosion/Irritation Table was modified.  
Target Organs - Repeated 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 11: Health Effects - Other information was modified.  
Section 12: No PBT/vPvB information available warning was modified.  
Section 5: Hazardous combustion products table was modified.  
Section 6: Accidental release personal information was modified.  
Section 6: Accidental release environmental information was modified.  
Section 6: Accidental release clean-up information was modified.  
Section 7: Precautions safe handling information was modified.  
Section 7: Conditions safe storage was modified.  
Section 8: Appropriate Engineering controls information was modified.  
Section 10: Hazardous decomposition or by-products table was modified.  
Section 13: Standard Phrase Category Waste GHS was modified.  
Section 4: First aid for eye contact information was modified.  
Section 4: First aid for skin contact information was modified.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. was modified.

Company logo was added.  
Telephone header was added.  
Company Telephone was added.  
Section 8: Personal Protection - Eye information was added.  
Section 8: Personal Protection - Skin/hand information was added.  
Section 8: Personal Protection - Respiratory Information was added.  
Section 9: Autoignition temperature information was added.  
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)**