



## 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

3M Scotchkote Pipe Protection Liner 2100 Part B

#### Product identification numbers

GR-2001-4115-2

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

##### Identified uses

Coating.

#### 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; Xn; R21/22

Corrosive; C; R35

Sensitizing; R43

Dangerous for the environment; N; R50/53

For full text of R phrases, see Section 16.

#### 2.2. Label elements

### 3M Scotchkote Pipe Protection Liner 2100 Part B

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

##### Symbol(s)



Corrosive



Dangerous  
for the  
environment

##### Contains:

Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-

##### Risk phrases

- R21/22 Harmful in contact with skin and if swallowed.  
R35 Causes severe burns.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

##### Safety phrases

- S23C Do not breathe vapour or spray.  
S36/37/39B Wear suitable protective clothing, gloves, and eye and face protection.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28C After contact with skin, wash immediately with plenty of water for 15 minutes.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

#### 2.3. Other hazards

May cause chemical gastrointestinal burns.

### SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Dolomite	16389-88-1	EINECS 240-440-2	40 - 70	
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4		15 - 40	C:R35; Xn:R21-22; N:R50/53; R43 (Self Classified)  Acute Tox. 3, H301; Acute Tox. 4, H312; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=10 (Self Classified)
Non-hazardous ingredients	Mixture		1 - 10	
Dimethyl siloxane, reaction product with silica	67762-90-7		1 - 5	
Paraffins (petroleum), normal C5-20	64771-72-8	EINECS 265-233-4	< 1	N:R51/53 (Vendor) Xn:R65; R66 (Self Classified)  Asp. Tox. 1, H304; EUH066 (Self Classified)

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

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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**

#### **Inhalation**

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

#### **Skin contact**

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

#### **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.

#### **If swallowed**

Rinse mouth. Do not induce vomiting. Get immediate 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.

### **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 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**

Contain spill. 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

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material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed 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

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 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. Store away from other materials.

### 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
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Manufacturer determined	TWA-PEG:0.16 mg/m <sup>3</sup>	Sensitiser
Silica, amorphous	67762-90-7	Health and Safety Comm. (UK)	TWA(as inhalable dust):6 mg/m <sup>3</sup> ;TWA(as respirable dust):2.4 mg/m <sup>3</sup>	

TWA-PEG - The 8-hour, TWA Provisional Exposure Guideline was established using currently available health hazard data. For more information, contact the address or phone number listed on the first page of the SDS.

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

CELL: 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

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Wear eye/face protection.

The following eye protection(s) are recommended: Full face shield.

### Skin/hand protection

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

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

Polymer laminate

The following protective clothing material(s) are recommended: Coveralls - Disposable, laminate

Rubber boots.

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Specific Physical Form:</b>	Thixotropic liquid.
<b>Appearance/Odour</b>	Musty odour; Grey colour
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	<i>Not applicable.</i>
<b>Boiling point/boiling range</b>	$\geq 200$ °C
<b>Melting point</b>	<i>No data available.</i>
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Explosive properties</b>	Not classified
<b>Oxidising properties</b>	Not classified
<b>Flash point</b>	$\geq 163$ °C [ <i>Test Method: Closed Cup</i> ]
<b>Autoignition temperature</b>	300 °C
<b>Flammable Limits(LEL)</b>	<i>Not applicable.</i>
<b>Flammable Limits(UEL)</b>	<i>Not applicable.</i>
<b>Vapour pressure</b>	$\leq 13.3$ Pa [ <i>@ 20 °C</i> ]
<b>Relative density</b>	<i>No data available.</i>
<b>Water solubility</b>	Negligible
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Vapour density</b>	$\geq 1$ [ <i>Ref.Std: AIR=1</i> ]
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>Viscosity</b>	<i>No data available.</i>
<b>Density</b>	1.58 g/ml

### 9.2. Other information

<b>Volatile organic compounds (VOC)</b>	0 g/l
<b>Percent volatile</b>	0 % weight

## 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

None known.

### 10.5 Incompatible materials

Alcohols.

Amines.

Strong oxidising agents.

Reacts slowly with moisture forming CO<sub>2</sub>

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.

## 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:

#### Inhalation

Vapours released during curing may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### Skin contact

May be harmful in contact with skin.

Corrosive (skin burns): Signs/symptoms may include localised redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

#### Eye contact

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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. Vapours released during curing may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Ingestion**

Harmful if swallowed.

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen. May cause target organ effects after ingestion.

**Target Organ Effects:****Single 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.

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

Name	Route	Species	Value
Overall product	Dermal		Data not available or insufficient for classification; calculated ATE2,000 - 5,000 mg/kg
Overall product	Ingestion		Data not available or insufficient for classification; calculated ATE300 - 2,000 mg/kg
Dolomite	Ingestion	Rat	LD50 > 2,000 mg/kg
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-			Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	Dermal	Rabbit	LD50 > 5,000 mg/kg
Dimethyl siloxane, reaction product with silica	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
Dimethyl siloxane, reaction product with silica	Ingestion	Rat	LD50 > 5,110 mg/kg
Paraffins (petroleum), normal C5-20	Dermal	Rabbit	LD50 > 5,000 mg/kg
Paraffins (petroleum), normal C5-20	Ingestion	Rat	LD50 > 5,000 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Dolomite		Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	Rabbit	No significant irritation
Paraffins (petroleum), normal C5-20	Rabbit	Minimal irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Dolomite		Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	Rabbit	No significant irritation
Paraffins (petroleum), normal C5-20	Rabbit	Mild irritant

**Skin Sensitisation**

Name	Species	Value
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Dolomite		Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	Human and animal	Not sensitizing
Paraffins (petroleum), normal C5-20	Human	Not sensitizing

**Respiratory Sensitisation**

Name	Species	Value
Dolomite		Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica		Data not available or insufficient for classification
Paraffins (petroleum), normal C5-20		Data not available or insufficient for classification

**Germ Cell Mutagenicity**

Name	Route	Value
Dolomite		Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	In Vitro	Not mutagenic
Paraffins (petroleum), normal C5-20	In Vitro	Not mutagenic
Paraffins (petroleum), normal C5-20	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
Dolomite			Data not available or insufficient for classification
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-			Data not available or insufficient for classification
Dimethyl siloxane, reaction product with silica	Not specified.	Mouse	Some positive data exist, but the data are not sufficient for classification
Paraffins (petroleum), normal C5-20	Not specified.	Mouse	Not carcinogenic

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Dolomite		Data not available or insufficient for classification			
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-		Data not available or insufficient for classification			
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 1,350 mg/kg/day	during organogenesis
Paraffins (petroleum), normal C5-20	Dermal	Some positive male reproductive data exist, but the data are	Rabbit	NOAEL 500 mg/kg/day	4 weeks



**3M Scotchkote Pipe Protection Liner 2100 Part B**

		not sufficient for classification			
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**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Dolomite			Data not available or insufficient for classification			
Cyclohexamine, 4,4'-methylenebis[ N-(1-methylpropyl) -			Data not available or insufficient for classification			
Dimethyl siloxane, reaction product with silica			Data not available or insufficient for classification			
Paraffins (petroleum), normal C5-20	Dermal	peripheral nervous system	Some positive data exist, but the data are not sufficient for classification	Rabbit	LOAEL 5,000 mg/kg	24 hours
Paraffins (petroleum), normal C5-20	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL Not available	
Paraffins (petroleum), normal C5-20	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Dolomite			Data not available or insufficient for classification			
Cyclohexamine, 4,4'-methylenebis[ N-(1-methylpropyl) -			Data not available or insufficient for classification			
Dimethyl siloxane, reaction product with silica	Inhalation	respiratory system   silicosis	All data are negative	Human	NOAEL Not available	occupational exposure
Paraffins (petroleum), normal C5-20	Dermal	hematopoietic system   liver   peripheral nervous system   kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rabbit	NOAEL 500 mg/kg/day	4 weeks

**3M Scotchkote Pipe Protection Liner 2100 Part B****Aspiration Hazard**

Name	Value
Dolomite	Not an aspiration hazard
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	Not an aspiration hazard
Dimethyl siloxane, reaction product with silica	Not an aspiration hazard
Paraffins (petroleum), normal C5-20	Aspiration hazard

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**

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Water flea	Experimental	48 hours	EC50	27 mg/l
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Rainbow trout	Experimental	96 hours	LC50	>570 mg/l
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Green algae	Experimental	96 hours	NOEC	0.0079 mg/l
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Green Algae	Experimental	96 hours	EC50	0.24 mg/l
Dimethyl siloxane, reaction product with silica	67762-90-7		Data not available or insufficient for classification			
Dolomite	16389-88-1	Western Mosquitofish	Experimental	24 hours	LC50	56,000 mg/l
Paraffins (petroleum), normal C5-20	64771-72-8		Data not available or insufficient for classification			% weight

**3M Scotchkote Pipe Protection Liner 2100 Part B****12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Paraffins (petroleum), normal C5-20	64771-72-8	Laboratory Photolysis		Photolytic half-life (in air)	2.4 days (t 1/2)	Other methods
Dimethyl siloxane, reaction product with silica	67762-90-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Dolomite	16389-88-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Experimental Biodegradation	28 days	BOD	2 % weight	OECD 301C - MITI test (I)
Paraffins (petroleum), normal C5-20	64771-72-8	Laboratory Biodegradation	28 days	BOD	53 % weight	Other methods

**12.3 : Bioaccumulative potential**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Dolomite	16389-88-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Cyclohexanamine, 4,4'-methylenebis[N-(1-methylpropyl)-	154279-60-4	Experimental BCF-Carp	28 days	Bioaccumulation factor	11	OECD 305E - Bioaccumulation flow-through fish test
Dimethyl siloxane, reaction product with silica	67762-90-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Paraffins (petroleum), normal C5-20	64771-72-8	Laboratory Bioconcentration		Log Kow	>3	Estimated: Octanol-water partition coefficient

**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 in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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 01 11\* Waste paint and varnish containing organic solvents or other dangerous substances

## **SECTION 14: Transportation information**

GR-2001-4115-2

**ADR/RID:** UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., (CYCLOHEXANAMINE,4,4-METHYLENEBIS(N-(1-METHYLPROPYL)-), 8., II , (E), ENVIRONMENTALLY HAZARDOUS, ADR Classification Code: C7.

**IMDG-CODE:** UN2735, AMINES, LIQUID,CORROSIVE,N.O.S., (CYCLOHEXANAMINE,4,4-METHYLENEBIS(N-(1-METHYLPROPYL)-), 8., II , IMDG-Code segregation code: 18- ALKALIS, EMS: FA,SB.

**ICAO/IATA:** UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., (CYCLOHEXANAMINE,4,4-METHYLENEBIS(N-(1-METHYLPROPYL)-), 8., II .

## **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. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". 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**

EUH066	Repeated exposure may cause skin dryness or cracking.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.

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H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**List of relevant R-phrases**

R21	Harmful in contact with skin.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R35	Causes severe burns.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

**Revision information:**

Not applicable.

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)**