Safety Data Sheet

Document group:	22-7833-1	**Version number:**	6.03
Revision date:	10/05/2011	**Supersedes date:**	03/05/2011

Transportation version number: 3.00 (05/03/2011)

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 TL43 Anaerobic Threadlocker

Product identification numbers

GS-2000-4392-4	GS-2000-4393-2	GS-2000-4394-0	GS-2000-4395-7	GS-2000-4423-7
GS-2000-4495-5	GS-2000-4618-2	GS-2000-4619-0	GS-2000-4620-8	GS-2000-4621-6
GS-2000-4622-4	GS-2000-4623-2	GS-2000-4657-0	GS-2000-4691-9	GS-2000-4958-2
GS-2000-4959-0	GS-2000-4963-2	GS-2000-5275-0	GS-2000-5278-4	GS-2000-5338-6

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.

Contains:
2-Hydroxypropyl methacrylate; Methacrylic acid, monoester with propane-1,2-diol; 2,2'-Ethylenedioxydiethyl dimethacrylate

Risk phrases

R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.

Safety phrases

S2	Keep out of the reach of children.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S29	Do not empty into drains.
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
2,2'-Ethylenedioxydiethyl dimethacrylate	109-16-0	EINECS 203-652-6	30 - 60	R43 (Self Classified) Skin Sens. 1, H317 (Self Classified)
Bis(isopropyl)naphthalene	38640-62-9	EINECS 254-052-6	10 - 30	N:R50 (Self Classified)
Polyester resin	Trade Secret		7 - 13	
Methacrylic acid, monoester with propane-1,2-diol	27813-02-1	EINECS 248-666-3	1 - 5	Xi:R36-37; R43 (Vendor) Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 (Vendor)
2-Hydroxypropyl methacrylate	923-26-2	EINECS 213-090-3	1 - 5	Xi:R36; R43 - Nota C,D (EU) Eye Irrit. 2, H319; Skin Sens. 1, H317 - Nota C,D (CLP)
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide	81-07-2	EINECS 201-321-0	1 - 5	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	68909-20-6	EINECS 272-697-1	1 - 5	
α,α-Dimethylbenzyl hydroperoxide	80-15-9	EINECS 201-254-7	1 - 5	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)
Dimethyl siloxane, reaction product with silica	67762-90-7		0.5 - 1.5	
Acrylic acid	79-10-7	EINECS 201-177-9	0.5 - 1.5	C:R35; Xn:R20-21-22; N:R50; R10 - Nota D (EU) Flam. Liq. 3, H226; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Corr. 1A, H314; STOT SE 3, H335; Aquatic Acute 1, H400,M=1 - Nota D (CLP)
2,6-Di-tert-butyl-p-cresol	128-37-0	EINECS 204-881-4	0.1 - 1	R53 (Self Classified) STOT RE 2, H373; Aquatic Chronic 3, H412 (Self Classified)
2'-Phenylacetohydrazide	114-83-0	EINECS 204-055-3	0.1 - 1	Xi:R36-37-38; R43 (Vendor) Xn:R21-22 (Self Classified) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 (Vendor) Acute Tox. 3, H311; Acute Tox. 3, H301 (Self Classified)
Cumene	98-82-8	EINECS 202-704-5	0.1 - 1	Xn:R65; Xi:R37; N:R51/53; R10 - Nota 4 (EU) Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H335; Aquatic Chronic 2, H411 - Nota C (CLP)
N,N-Dimethyl-p-toluidine	99-97-8	EINECS 202-805-4	0.05 - 0.99	T:R23-24-25; R33; R52/53 - Nota C (EU) Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; STOT RE 2, H373; Aquatic Chronic 3, H412 - Nota C (CLP)
Optical brightener	Trade Secret		0.05 - 0.15	

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

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
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Oxides of nitrogen.	During combustion.
Oxides of sulphur.	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
Avoid release to the environment.

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
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid eye contact. Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
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

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
2,6-Di-tert-butyl-p-cresol	128-37-0	Health and Safety Comm. (UK)	TWA:10 mg/m³	
Cumene	98-82-8	Health and Safety Comm. (UK)	TWA:125 mg/m³(25 ppm);STEL:250 mg/m³(50 ppm)	Skin Notation

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
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

Wear 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: Butyl rubber.
Fluoroelastomer
Neoprene.

Nitrile rubber.
Polymer laminate

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 pressure demand self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Thixotropic liquid.
Appearance/Odour	Opaque blue liquid. Slightly sweet odour.
pH	*Not applicable.*
Boiling point/boiling range	>=204.4 ºC
Melting point	*Not applicable.*
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	>=100 ºC [*Test Method:*Closed Cup]
Flammable Limits(LEL)	*No data available.*
Flammable Limits(UEL)	*No data available.*
Vapour pressure	1.3 Pa [@ 20 ºC]
Relative density	1.04 [*Ref Std:*WATER=1]
Water solubility	Negligible
Partition coefficient: n-octanol/water	*No data available.*
Evaporation rate	*No data available.*
Evaporation rate	Negligible
Vapour density	1.01 [*Ref Std:*AIR=1]
Viscosity	10 - 18 Pa-s [@ 23 ºC]
Density	1.04 g/ml

9.2. Other information

Hazardous air pollutants	2.1 - 2.2 % weight
Volatile organic compounds (VOC)	*No data available.*
VOC less H2O & exempt solvents	*No data available.*

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. May occur in large quantities only.

10.4 Conditions to avoid
Heat.
Light.

10.5 Incompatible materials
Strong oxidising agents.

Avoid temperatures in excess of 65 °C. Avoid contamination.

10.6 Hazardous decomposition products

Substance	Condition
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
Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

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

Inhalation
Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

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

Target Organ Effects:
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
2,2'-Ethylenedioxydiethyl			No data available	

dimethacrylate				
Bis(isopropyl)naphthalene			No data available	
2-Hydroxypropyl methacrylate			No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica			No data available	
α,α-Dimethylbenzyl hydroperoxide			No data available	
Methacrylic acid, monoester with propane-1,2-diol			No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide			No data available	
Dimethyl siloxane, reaction product with silica			No data available	
Acrylic acid			No data available	
2'-Phenylacetohydrazide			No data available	
2,6-Di-tert-butyl-p-cresol			No data available	
N,N-Dimethyl-p-toluidine			No data available	
Cumene			No data available	
Optical brightener			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 irritant	Category 2
2,2'-Ethylenedioxydiethyl dimethacrylate		Mild irritant	Category 3
Bis(isopropyl)naphthalene		No data available	
2-Hydroxypropyl methacrylate		No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica		No data available	
α,α-Dimethylbenzyl hydroperoxide		No data available	
Methacrylic acid, monoester with propane-1,2-diol		No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available	
Dimethyl siloxane, reaction product with silica		No data available	
Acrylic acid		No data available	
2'-Phenylacetohydrazide		No data available	
2,6-Di-tert-butyl-p-cresol		No data available	
N,N-Dimethyl-p-toluidine		No data available	
Cumene		No data available	
Optical brightener		No data available	

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
2,2'-Ethylenedioxydiethyl dimethacrylate		No data available	

Bis(isopropyl)naphthalene		No data available	
2-Hydroxypropyl methacrylate		No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica		No data available	
α,α-Dimethylbenzyl hydroperoxide		Severe irritant	Category 2A
Methacrylic acid, monoester with propane-1,2-diol		No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available	
Dimethyl siloxane, reaction product with silica		No data available	
Acrylic acid		No data available	
2'-Phenylacetohydrazide		No data available	
2,6-Di-tert-butyl-p-cresol		No data available	
N,N-Dimethyl-p-toluidine		No data available	
Cumene		No data available	
Optical brightener		No data available	

Skin Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Category 1 based on component data
2,2'-Ethylenedioxydiethyl dimethacrylate		Sensitising	Category 1
Bis(isopropyl)naphthalene		No data available	
2-Hydroxypropyl methacrylate		No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica		No data available	
α,α-Dimethylbenzyl hydroperoxide		No data available	
Methacrylic acid, monoester with propane-1,2-diol		No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available	
Dimethyl siloxane, reaction product with silica		No data available	
Acrylic acid		No data available	
2'-Phenylacetohydrazide		No data available	
2,6-Di-tert-butyl-p-cresol		No data available	
N,N-Dimethyl-p-toluidine		No data available	
Cumene		No data available	
Optical brightener		No data available	

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
2,2'-Ethylenedioxydiethyl dimethacrylate		No data available	
Bis(isopropyl)naphthalene		No data available	
2-Hydroxypropyl methacrylate		No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products		No data available	

with silica			
α,α-Dimethylbenzyl hydroperoxide		No data available	
Methacrylic acid, monoester with propane-1,2-diol		No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available	
Dimethyl siloxane, reaction product with silica		No data available	
Acrylic acid		No data available	
2'-Phenylacetohydrazide		No data available	
2,6-Di-tert-butyl-p-cresol		No data available	
N,N-Dimethyl-p-toluidine		No data available	
Cumene		No data available	
Optical brightener		No data available	

Germ Cell Mutagenicity

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classificationNot classified
Overall product		No test data available.	
2,2'-Ethylenedioxydiethyl dimethacrylate		No data available	
Bis(isopropyl)naphthalene		No data available	
2-Hydroxypropyl methacrylate		No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica		No data available	
α,α-Dimethylbenzyl hydroperoxide		No data available	
Methacrylic acid, monoester with propane-1,2-diol		No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available	
Dimethyl siloxane, reaction product with silica		No data available	
Acrylic acid		No data available	
2'-Phenylacetohydrazide		No data available	
2,6-Di-tert-butyl-p-cresol		No data available	
N,N-Dimethyl-p-toluidine		No data available	
Cumene		No data available	
Optical brightener		No data available	

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
2,2'-Ethylenedioxydiethyl dimethacrylate			No data available	
Bis(isopropyl)naphthalene			No data available	
2-Hydroxypropyl methacrylate			No data available	
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica			No data available	

α,α-Dimethylbenzyl hydroperoxide			No data available	
Methacrylic acid, monoester with propane-1,2-diol			No data available	
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide			No data available	
Dimethyl siloxane, reaction product with silica			No data available	
Acrylic acid			No data available	
2'-Phenylacetohydrazide			No data available	
2,6-Di-tert-butyl-p-cresol			No data available	
N,N-Dimethyl-p-toluidine			No data available	
Cumene			No data available	
Optical brightener			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
2,2'-Ethylenedioxydiethyl dimethacrylate		No data available				
Bis(isopropyl)naphthalene		No data available				
2-Hydroxypropyl methacrylate		No data available				
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica		No data available				
α,α-Dimethylbenzyl hydroperoxide		No data available				
Methacrylic acid, monoester with propane-1,2-diol		No data available				
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide		No data available				
Dimethyl siloxane, reaction product with silica		No data available				
Acrylic acid		No data available				
2'-Phenylacetohydrazide		No data available				
2,6-Di-tert-butyl-p-cresol		No data available				
N,N-Dimethyl-p-toluidine		No data available				

Cumene		No data available				
Optical brightener		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
2,2'-Ethylenedioxydiethyl dimethacrylate			No data available				
Bis(isopropyl)naphthalene			No data available				
2-Hydroxypropyl methacrylate			No data available				
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica			No data available				
α,α-Dimethylbenzyl hydroperoxide			No data available				
Methacrylic acid, monoester with propane-1,2-diol			No data available				
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide			No data available				
Dimethyl siloxane, reaction product with silica			No data available				
Acrylic acid			No data available				
2'-Phenylacetohydrazide			No data available				
2,6-Di-tert-			No data				

butyl-p-cresol			available				
N,N-Dimethyl-p-toluidine			No data available				
Cumene			No data available				
Optical brightener			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
2,2'-Ethylenedioxydiethyl dimethacrylate			No data available				
Bis(isopropyl)naphthalene			No data available				
2-Hydroxypropyl methacrylate			No data available				
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica			No data available				
α,α-Dimethylbenzyl hydroperoxide	Inhalation	nervous system | respiratory system	Some positive data exist, but the data are not sufficient for classification				Not classified
Methacrylic acid, monoester with propane-1,2-diol			No data available				
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide			No data available				
Dimethyl siloxane, reaction			No data available				

product with silica							
Acrylic acid			No data available				
2'-Phenylaceto hydrazide			No data available				
2,6-Di-tert-butyl-p-cresol			No data available				
N,N-Dimethyl-p-toluidine			No data available				
Cumene			No data available				
Optical brightener			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
2,2'-Ethylenedioxydiethyl dimethacrylate	Not an aspiration hazard	Not classified
Bis(isopropyl)naphthalene	Not an aspiration hazard	Not classified
2-Hydroxypropyl methacrylate	Not an aspiration hazard	Not classified
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	Not an aspiration hazard	Not classified
α,α-Dimethylbenzyl hydroperoxide	Not an aspiration hazard	Not classified
Methacrylic acid, monoester with propane-1,2-diol	Not an aspiration hazard	Not classified
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide	Not an aspiration hazard	Not classified
Dimethyl siloxane, reaction product with silica	Not an aspiration hazard	Not classified
Acrylic acid	Not an aspiration hazard	Not classified
2'-Phenylacetohydrazide	Not an aspiration hazard	Not classified
2,6-Di-tert-butyl-p-cresol	Not an aspiration hazard	Not classified
N,N-Dimethyl-p-toluidine	Not an aspiration hazard	Not classified
Cumene	Not an aspiration hazard	Not classified
Optical brightener	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

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

GS-2000-4392-4, GS-2000-4393-2, GS-2000-4394-0, GS-2000-4395-7,
GS-2000-4423-7, GS-2000-4495-5, GS-2000-4618-2, GS-2000-4619-0,
GS-2000-4620-8, GS-2000-4621-6, GS-2000-4622-4, GS-2000-4623-2,
GS-2000-4657-0, GS-2000-4691-9, GS-2000-4958-2, GS-2000-4959-0,
GS-2000-4963-2, GS-2000-5275-0, GS-2000-5278-4, GS-2000-5338-6

ADR/RID: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE,LIQUID,N.O.S.LIMITED QUANTITY, (BIS(ISOPROPYL)NAPHTHALENE), 9., III, (--), ADR Classification Code: M6.
IMDG-CODE: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE,LIQUID, N.O.S., (BIS(ISOPROPYL)NAPHTHALENE), 9., III, LIMITED QUANTITY, EMS: FA,SF.
ICAO/IATA: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE,LIQUID,N.O.S., (BIS(ISOPROPYL)NAPHTHALENE), 9., III, fish and tree marking may be required (> 5kg/l).

SECTION 15: Regulatory information

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

Carcinogenicity

Ingredient	CAS Nbr	Classification	Regulation
2,6-Di-tert-butyl-p-cresol	128-37-0	Gr. 3: Not classifiable	International Agency for Research on Cancer
Acrylic acid	79-10-7	Gr. 3: Not classifiable	International Agency for Research on Cancer
1,2-Benzisothiazol-3(2H)-one 1,1-dioxide	81-07-2	Gr. 3: Not classifiable	International Agency for Research on Cancer

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 36Measures on Environmental Management of New Chemical Substance36. Certain restrictions may apply. Contact the selling division for additional information.

15.2. Chemical Safety Assessment
Not applicable

SECTION 16: Other information

List of relevant H statements

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

List of relevant R-phrases

R10	Flammable.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R23	Toxic by inhalation.
R24	Toxic in contact with skin.
R25	Toxic if swallowed.
R33	Danger of cumulative effects.
R34	Causes burns.
R35	Causes severe 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.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R7	May cause fire.

Revision information:
Revision Changes:
Section 1: 3M Product identification numbers was modified.
Section 15: Carcinogenicity information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on 3M's experience and is correct to the best of 3M's knowledge at the date of publication. 3M does not accept 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