



Safety Data Sheet

Copyright, 2012, 3M Company All rights reserved. Copying and/or downloading of this information for the purpose of properly utilising 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Document group:	29-0156-9	Version number:	3.03
Revision date:	05/01/2012	Supersedes date:	14/12/2011
Transportation version number:	2.03 (05/10/2011)		

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 Scotchkote Epoxy Metal Repair SG 527

Product identification numbers

GR-2001-1285-6 GR-2001-2010-7 GR-2001-2180-8 GR-2001-3996-6 GR-2001-3998-2
GR-2001-3999-0

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

Irritant.

Sensitising

2.2. Label elements

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

Symbols

3M Scotchkote Epoxy Metal Repair SG 527

Xi Irritant.

Contains:

2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer; 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane; Bisphenol A diglycidyl ether - bisphenol A copolymer

Risk phrases

R36/38 Irritating to eyes 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

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

Special provisions concerning the labelling of certain substances

Contains epoxy resins. See information supplied by manufacturer.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Fillers	None		50 - 80	
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25068-38-6	NLP 500-033-5	10 - 20	Xi:R36-38; N:R51/53; R43 (EU) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 2, H411 (CLP)
Bisphenol A diglycidyl ether - bisphenol A copolymer	25036-25-3		5 - 15	Xi:R36-38; R43 (Self Classified) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 (Self Classified)
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	25085-99-8		1 - 10	Xi:R36-38; R43 (Self Classified) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 (Self Classified)
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	EINECS 202-013-9	< 2	Xn:R22; Xi:R36-38 (EU) Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 (CLP)
Diisodecyl phthalate	26761-40-0	EINECS 247-977-1	< 1	

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

Non-combustible. Choose material suitable for surrounding fire. Material will not burn.

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

Ventilate the area with fresh air. 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.

6.3. Methods and material for containment and cleaning up

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

Avoid eye contact. For industrial or professional use only. Do not handle until all safety precautions have been read and understood. 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. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from oxidising agents. Store away from strong bases.

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
Diisodecyl phthalate	26761-40-0	Health and Safety Comm. (UK)	TWA:5 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

CEL: 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: Indirect vented goggles.

Skin/hand protection

Wear protective gloves and protective clothing.

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

Polymer laminate

The following protective clothing material(s) are recommended: Apron - polymer laminate

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 air-purifying respirator with organic vapour cartridges and P2 particulate prefilters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Specific Physical Form:	Concentric colored rod of semi-solid putty
Appearance/Odour	Sulphurous odour; Dark grey outer with black core colour
pH	<i>Not applicable.</i>
Boiling point/boiling range	≥ 150 °C [<i>Details:Decomposes</i>]
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	No flash point
Autoignition temperature	≥ 400 °C
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Vapour pressure	105.3 Pa [<i>@ 20 °C</i>]
Relative density	2.26 [<i>Ref Std:WATER=1</i>]
Water solubility	Negligible
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>Not applicable.</i>
Vapour density	<i>No data available.</i>
Viscosity	<i>No data available.</i>
Density	2.26 g/ml

9.2. Other information

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

Amines.

Strong acids.

Strong bases.

3M Scotchkote Epoxy Metal Repair SG 527

Strong oxidising agents.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Aldehydes.	Heat.
Carbon dioxide.	Heat.
Carbon monoxide.	Heat.

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

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

Inhalation

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

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause target organ effects after ingestion.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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 (77.39% unknown)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Dermal	Rat	LD50 > 1,600 mg/kg	Not classified
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Ingestion	Rat	LD50 > 1,000 mg/kg	Not classified
Bisphenol A diglycidyl ether -	Dermal	Rat	LD50 > 1,600 mg/kg	Not classified

3M Scotchkote Epoxy Metal Repair SG 527

bisphenol A copolymer				
Bisphenol A diglycidyl ether - bisphenol A copolymer	Ingestion	Rat	LD50 > 1,000 mg/kg	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Dermal	Rat	LD50 > 1,600 mg/kg	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Ingestion	Rat	LD50 > 1,000 mg/kg	Not classified
2,4,6-Tris(dimethylaminomethyl)phenol	Dermal	Rat	LD50 1,280 mg/kg	Category4
2,4,6-Tris(dimethylaminomethyl)phenol	Ingestion	Rat	LD50 1,000 mg/kg	Category4
Diisodecyl phthalate	Dermal	Rabbit	LD50 >= 2,900 mg/kg	Not classified
Diisodecyl phthalate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 >= 13 mg/l	Not classified
Diisodecyl phthalate	Ingestion	Rat	LD50 >= 9,700 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 be mild irritant	Category 3
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Mild irritant	Category 3
Bisphenol A diglycidyl ether - bisphenol A copolymer		Mild irritant	Category 3
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer		Mild irritant	Category 3
2,4,6-Tris(dimethylaminomethyl)phenol		Irritant	Category 2
Diisodecyl phthalate		Minimal irritation	Not classified

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Moderate irritant	Category 2B
Bisphenol A diglycidyl ether - bisphenol A copolymer		Moderate irritant	Category 2B
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer		Moderate irritant	Category 2B
2,4,6-Tris(dimethylaminomethyl)phenol		Severe irritant	Category 2A
Diisodecyl phthalate		Mild irritant	Not classified

Skin Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Category 1 based on component data
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Sensitising	Category 1
Bisphenol A diglycidyl ether - bisphenol A copolymer		Sensitising	Category 1
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer		Sensitising	Category 1
2,4,6-Tris(dimethylaminomethyl)phenol		Not sensitizing	Not classified
Diisodecyl phthalate		Some positive data exist, but the data are not sufficient for	Not classified

3M Scotchkote Epoxy Metal Repair SG 527

		classification	
--	--	----------------	--

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Some positive data exist, but the data are not sufficient for classification	Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer		Some positive data exist, but the data are not sufficient for classification	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer		Some positive data exist, but the data are not sufficient for classification	Not classified
2,4,6-Tris(dimethylaminomethyl)phenol		No data available	
Diisodecyl phthalate		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.	
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	In vivo	Some positive data exist, but the data are not sufficient for classification	Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	In vivo	Some positive data exist, but the data are not sufficient for classification	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	In vivo	Some positive data exist, but the data are not sufficient for classification	Not classified
2,4,6-Tris(dimethylaminomethyl)phenol	In Vitro	Not mutagenic	Not classified
Diisodecyl phthalate	In Vitro	Not mutagenic	Not classified
Diisodecyl phthalate	Ingestion	Not mutagenic	Not classified

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Dermal		Some positive data exist, but the data are not sufficient for classification	Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	Dermal		Some positive data exist, but the data are not sufficient for classification	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Dermal		Some positive data exist, but the data are not sufficient for classification	Not classified
2,4,6-Tris(dimethylaminomethyl)phenol			No data available	
Diisodecyl phthalate			No data available	

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

Name	Route	Value	Species	Test result	Exposure	UN GHS
------	-------	-------	---------	-------------	----------	--------

3M Scotchkote Epoxy Metal Repair SG 527

					Duration	Classification
Overall product		Toxic to reproduction and/or development				Overall Reproductive Toxicity classification Category 1B based on component data
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Dermal	Not toxic to reproduction and/or development		NOAEL 300 mg/kg/day		
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Ingestion	Not toxic to reproduction and/or development		NOAEL 750 mg/kg/day		
Bisphenol A diglycidyl ether - bisphenol A copolymer	Dermal	Not toxic to reproduction and/or development		NOAEL 300 mg/kg/day		
Bisphenol A diglycidyl ether - bisphenol A copolymer	Ingestion	Not toxic to reproduction and/or development		NOAEL 750 mg/kg/day		
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Dermal	Not toxic to reproduction and/or development		NOAEL 300 mg/kg/day		
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Ingestion	Not toxic to reproduction and/or development		NOAEL 750 mg/kg/day		
2,4,6-Tris(dimethylaminoethyl)phenol		No data available				
Diisodecyl phthalate	Ingestion	Toxic to reproduction and/or development		NOAEL 38 mg/kg/day		

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Inhalation	respiratory irritation	All data are negative		Irritation Negative		Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	Inhalation	respiratory irritation	All data are negative		Irritation Negative		Not classified

3M Scotchkote Epoxy Metal Repair SG 527

2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Inhalation	respiratory irritation	All data are negative		Irritation Negative		Not classified
2,4,6-Tris(dimethyl aminomethyl) phenol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Diisodecyl phthalate			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
4,4'-Isopropylidene diphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Dermal	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1 mg/kg/day		Not classified
4,4'-Isopropylidene diphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Dermal	nervous system	All data are negative		NOAEL 1,000 mg/kg/day		Not classified
4,4'-Isopropylidene diphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Ingestion	auditory system heart endocrine system blood hematopoietic system liver eyes kidney and/or bladder	All data are negative		NOAEL 1,000 mg/kg/day		Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	Dermal	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1 mg/kg/day		Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	Dermal	nervous system	All data are negative		NOAEL 1,000 mg/kg/day		Not classified
Bisphenol A diglycidyl ether - bisphenol A	Ingestion	auditory system heart endocrine	All data are negative		NOAEL 1,000 mg/kg/day		Not classified

3M Scotchkote Epoxy Metal Repair SG 527

copolymer		system blood hematopoietic system liver eyes kidney and/or bladder					
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Dermal	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1 mg/kg/day		Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Dermal	nervous system	All data are negative		NOAEL 1,000 mg/kg/day		Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Ingestion	auditory system heart endocrine system blood hematopoietic system liver eyes kidney and/or bladder	All data are negative		NOAEL 1,000 mg/kg/day		Not classified
2,4,6-Tris(dimethyl aminomethyl) phenol	Dermal	skin	Some positive data exist, but the data are not sufficient for classification		NOEL 5 mg/kg/day		Not classified
2,4,6-Tris(dimethyl aminomethyl) phenol	Dermal	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 25 mg/kg/day		Not classified
2,4,6-Tris(dimethyl aminomethyl) phenol	Dermal	nervous system	Some positive data exist, but the data are not sufficient for classification		NOEL 5 mg/kg/day		Not classified
2,4,6-Tris(dimethyl aminomethyl) phenol	Dermal	auditory system hematopoietic system eyes	All data are negative		NOAEL 125 mg/kg/day		Not classified
Diisodecyl phthalate	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification		LOEL 0.5 mg/l		Not classified
Diisodecyl phthalate	Inhalation	hematopoietic system liver kidney and/or bladder	All data are negative		NOAEL 0.5 mg/l		Not classified
Diisodecyl phthalate	Ingestion	endocrine system	Some positive data exist, but the data are not sufficient for classification		NOEL 211 mg/kg/day		Not classified
Diisodecyl	Ingestion	liver	Some positive data		LOEL 55		Not classified

3M Scotchkote Epoxy Metal Repair SG 527

phthalate		kidney and/or bladder	exist, but the data are not sufficient for classification		mg/kg/day	
Diisodecyl phthalate	Ingestion	heart	All data are negative		NOAEL 500 mg/kg/day	Not classified
Diisodecyl phthalate	Ingestion	hematopoietic system	All data are negative		NOAEL 320 mg/kg/day	Not classified

Aspiration Hazard

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity data
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Not an aspiration hazard	Not classified
Bisphenol A diglycidyl ether - bisphenol A copolymer	Not an aspiration hazard	Not classified
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	Not an aspiration hazard	Not classified
2,4,6-Tris(dimethylaminomethyl)phenol	Not an aspiration hazard	Not classified
Diisodecyl phthalate	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

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. Dispose of waste product in a permitted industrial waste facility.

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

SECTION 14: Transportation information

GR-2001-1285-6, GR-2001-2010-7, GR-2001-2180-8, GR-2001-3996-6,
GR-2001-3998-2, GR-2001-3999-0

Not hazardous for transportation

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 product are in compliance with the chemical notification requirements of TSCA.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R22	Harmful if swallowed.
R36	Irritating to eyes.

3M Scotchkote Epoxy Metal Repair SG 527

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

Revision information:

Revision Changes:

Copyright was modified.

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