

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Malaysia Occupational Safety and Health (Chemical Classification, Labelling and Safety Data Sheets) Regulations 2013.

SECTION 1: Identification

1.1. Product identifier

3M[™] Scotch-Weld[™] Epoxy Adhesive 2214 Hi-Temp New Formula Gray

Product Identification Numbers

62-3491-2830-6 62-3491-8530-6

1.2. Recommended use and restrictions on use

Recommended use

Adhesive

1.3. Supplier's details

ADDRESS: 3M Malaysia Sdn. Bhd., Level 8, Block F, Oasis Square, No.2, Jalan PJU 1A/7A, Ara Damansara 47301

Petaling, Jaya, Selangor

Telephone: 03-7884 2888

E Mail: 3mmyehsr@mmm.com Website: www.3M.com.my

1.4. Emergency telephone number

+60 03-7884 2888

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Serious Eye Damage/Irritation: Category 2.

Skin Sensitizer: Category 1. Carcinogenicity: Category 1A.

Chronic Aquatic Toxicity: Category 1.

2.2. Label elements

Signal word

Danger

Symbols

Exclamation mark | Health Hazard | Environment |

Pictograms



Hazard Statements:

H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

H350 May cause cancer.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention:

P201 Obtain special instructions before use.
P273 Avoid release to the environment.

P280E Wear protective gloves.

P281 Use personal protective equipment as required.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with applicable

local/regional/national/international regulations.

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
Aluminum Pigments	7429-90-5	30 - 60
Epoxy Resin 1	25068-38-6	30 - 60
Epoxy Resin 2	28064-14-4	1 - 10
Amorphous Silica	67762-90-7	1 - 5
Calcium Carbonate	471-34-1	1 - 5
Nickel Salt	15751-00-5	< 2.5

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:

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Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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

No critical symptoms or effects. 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. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

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

Substance	<u>Condition</u>
Aldehydes	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Chloride	During Combustion

5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. 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. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin contact with hot material. For industrial/occupational use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/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 oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from strong bases. Store away from oxidizing agents. Store away from amines.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
CAS NO SEQ117921	471-34-1	ACGIH	TWA(inhalable	
			particulates):10 mg/m3	
CAS NO SEQ117922	471-34-1	ACGIH	TWA(respirable particles):3	
			mg/m3	
DUST, INERT OR NUISANCE	471-34-1	Malaysia OELs	TWA (proposed)(respirable	
			particles)(8 hours):3	
			mg/m3;TWA	
			(proposed)(Inhalable	
			particulate)(8 hours):10 mg/m3	
Limestone	471-34-1	Malaysia OELs	TWA (proposed)(8 hours):10	
			mg/m3	
Aluminum Pigments	7429-90-5	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
			mg/m3	carcin
Aluminum Pigments	7429-90-5	Malaysia OELs	TWA(as dust)(8 hours):10	
			mg/m3;TWA(Al, welding	
			fume)(8 hours):5	
			mg/m3;TWA(as Al pyrophoric	
			powder)(8 hours):5 mg/m3	
DUST, INERT OR NUISANCE	7429-90-5	Malaysia OELs	TWA (proposed)(respirable	
			particles)(8 hours):3	
			mg/m3;TWA	
			(proposed)(Inhalable	
			particulate)(8 hours):10 mg/m3	

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG : Chemical Manufacturer's Recommended Guidelines

Malaysia OELs: Malaysia. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

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/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect Vented Goggles

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

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 vapors and particulates

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

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid	
Specific Physical Form:	Paste	
Color	Gray	
Odor	Epoxy	
Odor threshold	No Data Available	
pH	Not Applicable	
Melting point/Freezing point	Not Applicable	
Boiling point/Initial boiling point/Boiling range	>=260 °C	
Flash Point	>=248.9 °C [Test Method:Closed Cup]	
Evaporation rate	Not Applicable	
Flammability (solid, gas)	Not Classified	
Flammable Limits(LEL)	Not Applicable	
Flammable Limits(UEL)	Not Applicable	
Vapor Pressure	Not Applicable	
Vapor Density and/or Relative Vapor Density	Not Applicable	
Density	1.5 g/ml	
Relative Density	1.5 [Ref Std:WATER=1]	
Water solubility	Negligible	
Solubility- non-water	No Data Available	
Partition coefficient: n-octanol/ water	No Data Available	
Autoignition temperature	Not Applicable	
Decomposition temperature	No Data Available	
Viscosity/Kinematic Viscosity	>=800,000 mPa-s [@ 23 °C]	
Volatile Organic Compounds		
Percent volatile		
VOC Less H2O & Exempt Solvents	0 g/l [Test Method:calculated SCAQMD rule 443.1]	
VOC Less H2O & Exempt Solvents	0 % [Test Method:calculated per CARB title 2]	

Nanoparticles

This material contains nanoparticles.

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 polymerization will not occur.

10.4. Conditions to avoid

Avoid curing large quantities of material to prevent a premature reaction (exotherm) with production of intense heat and smoke.

10.5. Incompatible materials

Strong oxidizing agents
Strong acids
Strong bases
Amines

10.6. Hazardous decomposition products

Substance

Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

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 labeling, 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:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

Skin Contact:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction

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(non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

May cause additional health effects (see below).

Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Aluminum Pigments	Dermal		LD50 estimated to be > 5,000 mg/kg
Aluminum Pigments	Ingestion		LD50 estimated to be > 5,000 mg/kg
Aluminum Pigments	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 0.888 mg/l
Epoxy Resin 1	Dermal	Rat	LD50 > 1,600 mg/kg
Epoxy Resin 1	Ingestion	Rat	LD50 > 1,000 mg/kg
Epoxy Resin 2	Dermal	Rabbit	LD50 > 6,000 mg/kg
Epoxy Resin 2	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 1.7 mg/l
Epoxy Resin 2	Ingestion	Rat	LD50 > 4,000 mg/kg
Amorphous Silica	Dermal	Rabbit	LD50 > 5,000 mg/kg
Amorphous Silica	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
Amorphous Silica	Ingestion	Rat	LD50 > 5,110 mg/kg
Calcium Carbonate	Dermal	Rat	LD50 > 2,000 mg/kg
Calcium Carbonate	Inhalation- Dust/Mist (4 hours)	Rat	LC50 3 mg/l
Calcium Carbonate	Ingestion	Rat	LD50 6,450 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Aluminum Pigments	Rabbit	No significant irritation
Epoxy Resin 1	Rabbit	Mild irritant
Epoxy Resin 2	Rabbit	Minimal irritation
Amorphous Silica	Rabbit	No significant irritation
Calcium Carbonate	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value

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Aluminum Pigments	Rabbit	No significant irritation
Epoxy Resin 1	Rabbit	Moderate irritant
Epoxy Resin 2	Rabbit	Mild irritant
Amorphous Silica	Rabbit	No significant irritation
Calcium Carbonate	Rabbit	No significant irritation

Sensitization:

Skin Sensitization

Name	Species	Value
Aluminum Pigments	Guinea	Not classified
	pig	
Epoxy Resin 1	Human	Sensitizing
	and	
	animal	
Epoxy Resin 2	Human	Sensitizing
	and	
	animal	
Amorphous Silica	Human	Not classified
	and	
	animal	
Nickel Salt	similar	Sensitizing
	compoun	
	ds	

Respiratory Sensitization

Name	Species	Value
Aluminum Pigments	Human	Not classified
Epoxy Resin 1	Human	Not classified

Germ Cell Mutagenicity

Oct in Cent Municipal			
Name	Route	Value	
Aluminum Pigments	In Vitro	Not mutagenic	
Epoxy Resin 1	In vivo	Not mutagenic	
Epoxy Resin 1	In Vitro	Some positive data exist, but the data are not	
		sufficient for classification	
Epoxy Resin 2	In Vitro	Some positive data exist, but the data are not	
		sufficient for classification	
Amorphous Silica	In Vitro	Not mutagenic	

Carcinogenicity

Name	Route	Species	Value
Epoxy Resin 1	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Amorphous Silica	Not Specified	Mouse	Some positive data exist, but the data are not sufficient for classification
Nickel Salt	Not Specified	similar compoun ds	Carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Epoxy Resin 1	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 1	Ingestion	Not classified for male reproduction	Rat	NOAEL 750 mg/kg/day	2 generation
Epoxy Resin 1	Dermal	Not classified for development	Rabbit	NOAEL 300	during

Dans O of 12

				mg/kg/day	organogenesis
Epoxy Resin 1	Ingestion	Not classified for development	Rat	NOAEL 750	2 generation
				mg/kg/day	
Amorphous Silica	Ingestion	Not classified for female reproduction	Rat	NOAEL 509	1 generation
				mg/kg/day	
Amorphous Silica	Ingestion	Not classified for male reproduction	Rat	NOAEL 497	1 generation
				mg/kg/day	
Amorphous Silica	Ingestion	Not classified for development	Rat	NOAEL	during
				1,350	organogenesis
				mg/kg/day	
Calcium Carbonate	Ingestion	Not classified for development	Rat	NOAEL 625	premating &
				mg/kg/day	during
					gestation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

specific ranger organ rowerty single exposure								
Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure		
						Duration		
Calcium Carbonate	Inhalation	respiratory system	Not classified	Rat	NOAEL	90 minutes		
					0.812 mg/l			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Aluminum Pigments	Inhalation	nervous system respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Epoxy Resin 1	Dermal	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	2 years
Epoxy Resin 1	Dermal	nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	13 weeks
Epoxy Resin 1	Ingestion	auditory system heart endocrine system hematopoietic system liver eyes kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Amorphous Silica	Inhalation	respiratory system silicosis	Not classified	Human	NOAEL Not available	occupational exposure
Calcium Carbonate	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

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 labeling, 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

Chronic aquatic hazard:

GHS Chronic 1: Very toxic to aquatic life with long lasting effects.

No product test data available

Material	Cas #	Organism	Туре	Exposure	Test Endpoint	Test Result
Aluminum	7429-90-5	Fish other	Experimental	96 hours	No tox obs at	>100 mg/l
Pigments					lmt of water sol	
Aluminum	7429-90-5	Green Algae	Experimental	72 hours	No tox obs at	>100 mg/l
Pigments			_		lmt of water sol	
Aluminum	7429-90-5	Water flea	Experimental	48 hours	No tox obs at	>100 mg/l
Pigments					lmt of water sol	
Aluminum	7429-90-5	Green Algae	Experimental	72 hours	No tox obs at	100 mg/l
Pigments					lmt of water sol	
Aluminum	7429-90-5	Water flea	Experimental	21 days	NOEC	0.076 mg/l
Pigments						
Epoxy Resin 1	25068-38-6	Activated	Estimated	3 hours	IC50	>100 mg/l
		sludge				
Epoxy Resin 1	25068-38-6	Green Algae	Estimated	72 hours	EC50	>11 mg/l
Epoxy Resin 1	25068-38-6	Rainbow Trout		96 hours	LC50	2 mg/l
Epoxy Resin 1	25068-38-6	Water flea	Estimated	48 hours	EC50	1.8 mg/l
Epoxy Resin 1	25068-38-6	Green Algae	Estimated	72 hours	NOEC	4.2 mg/l
Epoxy Resin 1	25068-38-6	Water flea	Estimated	21 days	NOEC	0.3 mg/l
Epoxy Resin 2	28064-14-4	Golden Orfe	Experimental	96 hours	LC50	5.7 mg/l
Epoxy Resin 2	28064-14-4	Water flea	Experimental	48 hours	EC50	3.5 mg/l
Amorphous	67762-90-7		Data not			N/A
Silica			available or			
			insufficient for			
			classification			
Calcium	471-34-1	Green algae	Experimental	72 hours	EC50	>100 mg/l
Carbonate						
Calcium	471-34-1	Rainbow Trout	Experimental	96 hours	LC50	>100 mg/l
Carbonate						
Calcium	471-34-1	Water flea	Experimental	48 hours	EC50	>100 mg/l
Carbonate	1-1 2 1 1					100 //
Calcium	471-34-1	Green algae	Experimental	72 hours	EC10	100 mg/l
Carbonate						
Nickel Salt	15751-00-5	Activated	Estimated	30 minutes	EC50	>1,000 mg/l
27.1.10.1	1.5551 00 5	sludge				1 1
Nickel Salt	15751-00-5	Bacteria	Estimated	17 hours	EC50	1,175 mg/l
Nickel Salt	15751-00-5	Common Carp	Experimental	96 hours	LC50	12 mg/l
Nickel Salt	15751-00-5	Green Algae	Experimental	96 hours	EC50	0.06 mg/l
Nickel Salt	15751-00-5	Water flea	Experimental	48 hours	EC50	0.12 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Aluminum	7429-90-5	Data not			N/A	
Pigments		availbl-				
		insufficient				
Epoxy Resin 1	25068-38-6	Estimated		Hydrolytic	117 hours (t	Non-standard method
		Hydrolysis		half-life	1/2)	
Epoxy Resin 1	25068-38-6	Estimated	28 days	Biological	5 %BOD/COD	OECD 301F -
		Biodegradation		Oxygen		Manometric Respiro
				Demand		

Epoxy Resin 2	28064-14-4	Laboratory	28 days	Carbon dioxide	10-16 %CO2	OECD 301B - Mod.
		Biodegradation		evolution	evolution/THC	Sturm or CO2
					O2 evolution	
					(does not pass	
					10-day	
					window)	
Amorphous	67762-90-7	Data not			N/A	
Silica		availbl-				
		insufficient				
Calcium	471-34-1	Data not			N/A	
Carbonate		availbl-				
		insufficient				
Nickel Salt	15751-00-5	Data not			N/A	
		availbl-				
		insufficient				

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Aluminum Pigments	7429-90-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Epoxy Resin 1	25068-38-6	Estimated Bioconcentrati on		Log of Octanol/H2O part. coeff	3.242	Non-standard method
Epoxy Resin 2	28064-14-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Amorphous Silica	67762-90-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Calcium Carbonate	471-34-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Nickel Salt	15751-00-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Disposal methods

According to the Environmental Quality (Scheduled Wastes) Regulations 2005, scheduled waste has to be sent to a prescribed

premise for recycling, treatment or disposal. Please approach Kualiti Alam for proper schedule waste classification and disposal.

SECTION 14: Transport Information

Marine Transport (IMDG)

Forbidden: 3M packaging does not meet regulatory agency requirements

Air Transport (IATA)

UN Number: UN1845, UN3077

Proper Shipping Name: Carbon Dioxide, Solid, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Technical Name: None assigned.

Hazard Class/Division:9

Subsidiary Risk: None assigned.

Packing Group:III

Limited Quantity: None assigned. Marine Pollutant: None assigned.

Marine Pollutant Technical Name: None assigned.

Other Dangerous Goods Descriptions:

None assigned.

Transportation classifications are provided as a customer service. As for shipping, YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling or marking requirements. The above information is only for reference. If you are shipping by air or ocean, YOU are advised to check & meet applicable regulatory requirements.

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 new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

SECTION 16: Other information

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 Malaysia SDSs are available at www.3M.com.my