



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 Epoxy Primer GP 120, Silver (Part A)

Product identification numbers

GR-2001-0755-9 GR-2001-0757-5 GR-2001-0760-9 GR-2001-2628-6 GR-2001-2630-2
GR-2001-3908-1

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

Dangerous to environment.

Irritant.

Flammable

Sensitising

2.2. Label elements

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

3M Scotchkote Epoxy Primer GP 120, Silver (Part A)**Symbols**

Xi Irritant.
N Dangerous to environment.

Contains:

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane; Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives; Phenol-formaldehyde polymer, glycidyl ether

Risk phrases

R10 Flammable.
R36/38 Irritating to eyes and skin.
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.
S51 Use only in well ventilated areas.
S24 Avoid contact with skin.
S37 Wear suitable gloves.
S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label.
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.

Notes on labelling

Nota P applies to CAS 64742-48-9.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25068-38-6	NLP 500-033-5	30 - 60	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)
Phenol-formaldehyde polymer, glycidyl ether	28064-14-4		10 - 30	N:R51/53; R43 (Self Classified) Skin Sens. 1, H317; Aquatic Chronic 2, H411 (Self Classified)
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	68609-97-2	EINECS 271-846-8	5 - 15	Xi:R38; R43 (EU) Skin Irrit. 2, H315; Skin Sens. 1, H317 (CLP)
Trizinc bis(orthophosphate)	7779-90-0	EINECS 231-944-3	1 - 10	N:R50/53 (EU)

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				Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=10 (CLP)
Aluminium	7429-90-5	EINECS 231-072-3	1 - 10	F:R11-15 - Nota T (EU) Flam. Sol. 1, H228; Water-react. 2, H261 - Nota T (CLP)
Synthetic amorphous silica, fumed, crystalline free	112945-52-5		1 - 5	
Aluminium orthophosphate	7784-30-7	EINECS 232-056-9	1 - 5	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	EINECS 265-150-3	1 - 5	Xn:R65 - Nota 4,P (EU) R66; R67 (Self Classified) Asp. Tox. 1, H304 - Nota P (CLP) STOT SE 3, H336; EUH066 (Self Classified)
Xylene	1330-20-7	EINECS 215-535-7	1 - 5	Xn:R20-21; Xi:R38; R10 - Nota C (EU) Flam. Liq. 3, H226; Acute Tox. 4, H332; Acute Tox. 4, H312; Skin Irrit. 2, H315 - Nota C (CLP)
Zinc oxide	1314-13-2	EINECS 215-222-5	< 0.5	N:R50/53 (EU) Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=1 (CLP)
Ethylbenzene	100-41-4	EINECS 202-849-4	< 0.5	F:R11; Xn:R20 (EU) Flam. Liq. 2, H225; Acute Tox. 4, H332 (CLP)

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 for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately 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

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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 flammable liquids or gases such as dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Aldehydes.	During combustion.
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

5.3. Advice for fire-fighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Evacuate area. 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 using non-sparking tools. 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

Avoid eye contact. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing 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

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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. Wear low static or properly grounded shoes. Use personal protective equipment (eg. gloves, respirators...) as required. Vapours may travel long distances along the ground or floor to an ignition source and flash back. For industrial or professional use only. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from acids. 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
Ethylbenzene	100-41-4	Health and Safety Comm. (UK)	TWA:441 mg/m ³ (100 ppm);STEL:552 mg/m ³ (125 ppm)	Skin Notation
Silica, amorphous	112945-52-5	Health and Safety Comm. (UK)	TWA(as inhalable dust):6 mg/m ³ ;TWA(as respirable dust):2.4 mg/m ³	
Xylene	1330-20-7	Health and Safety Comm. (UK)	TWA:220 mg/m ³ (50 ppm);STEL:441 mg/m ³ (100 ppm)	Skin Notation
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Manufacturer determined	TWA:100 ppm	
Aluminium	7429-90-5	Health and Safety Comm. (UK)	TWA(as inhalable dust):10 mg/m ³ ;TWA(as respirable dust):4 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

CEIL: Ceiling

Derived no effect level (DNEL)

Ingredient	Degradation Product	Population	Human exposure pattern	DNEL
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Worker	Dermal, Long-term exposure (8 hours), Systemic effects	8.3 mg/kg bw/d
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Worker	Dermal, Short-term exposure, Systemic effects	8.3 mg/kg
4,4'-		Worker	Inhalation, Long-term	12.3 mg/m ³

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Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane			exposure (8 hours), Systemic effects	
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Worker	Inhalation, Short-term exposure, Systemic effects	12.3 mg/m ³

Predicted no effect concentrations (PNEC)

Ingredient	Degradation Product	Compartment	PNEC
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Freshwater	0.003 mg/l
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Freshwater sediments	0.5 mg/kg w.w.
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Intermittent releases to water	0.013 mg/l
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Marine water	0.0003 mg/l
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Marine water sediments	0.5 mg/kg w.w.
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Sewage Treatment Plant	10 mg/l

8.2. Exposure controls

8.2.1. Engineering controls

Use explosion-proof ventilation equipment. 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 protective gloves and eye/face protection.

The following eye protection(s) are recommended: Indirect vented goggles.

Skin/hand protection

Wear protective gloves.

Gloves made from the following material(s) are recommended: Polyvinyl alcohol (PVA).

Polymer laminate

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

Respiratory protection

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

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

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	Silver colour; Aromatic odour.
pH	<i>No data available.</i>
Boiling point/boiling range	≥ 120 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Flammable liquid: Category 3.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	≥ 38 °C [<i>Test Method</i> : Closed Cup]
Autoignition temperature	≥ 450 °C
Flammable Limits(LEL)	1 % volume
Flammable Limits(UEL)	11.3 % volume
Vapour pressure	759.9 Pa [<i>@ 25 °C</i>]
Relative density	1.2 [<i>Ref Std</i> : WATER=1]
Water solubility	Negligible
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Viscosity	<i>No data available.</i>
Density	1.2 g/ml

9.2. Other information

Volatile organic compounds (VOC)	83 g/l [<i>Test Method</i> : Estimated] [<i>Details</i> : EU Definition (Part A and B mix)]
Percent volatile	7.4 % 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

Temperatures above the boiling point.

Heat.

Sparks and/or flames.

10.5 Incompatible materials

Amines.

Combustibles.

Reaction with water, alcohols, and amines is not hazardous if container can vent to the atmosphere to prevent pressure buildup.

Strong acids.

Strong bases.

Strong oxidising agents.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy 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.

Ingestion

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

Target Organ Effects:

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Auditory effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears.
 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.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane			No data available
Phenol-formaldehyde polymer, glycidyl ether			No data available
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives			No data available
Trizinc bis(orthophosphate)			No data available
Aluminium			No data available
Naphtha (petroleum), hydrotreated heavy			No data available
Aluminium orthophosphate			No data available
Xylene			No data available
Synthetic amorphous silica, fumed, crystalline free			No data available
Ethylbenzene			No data available
Zinc oxide			No data available

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Mild irritant
Phenol-formaldehyde polymer, glycidyl ether		No data available
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		No data available
Trizinc bis(orthophosphate)		No data available
Aluminium		No data available
Naphtha (petroleum), hydrotreated heavy		No data available
Aluminium orthophosphate		No data available
Xylene		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
Ethylbenzene		No data available
Zinc oxide		No data available

Serious Eye Damage/Irritation

Name	Species	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Moderate irritant
Phenol-formaldehyde polymer, glycidyl ether		No data available
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		No data available
Trizinc bis(orthophosphate)		No data available
Aluminium		No data available
Naphtha (petroleum), hydrotreated heavy		No data available
Aluminium orthophosphate		No data available

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Xylene		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
Ethylbenzene		No data available
Zinc oxide		No data available

Skin Sensitisation

Name	Species	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		Sensitising
Phenol-formaldehyde polymer, glycidyl ether		Sensitising
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		Sensitising
Trizinc bis(orthophosphate)		No data available
Aluminium		No data available
Naphtha (petroleum), hydrotreated heavy		No data available
Aluminium orthophosphate		No data available
Xylene		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
Ethylbenzene		No data available
Zinc oxide		No data available

Respiratory Sensitisation

Name	Species	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		No data available
Phenol-formaldehyde polymer, glycidyl ether		No data available
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		No data available
Trizinc bis(orthophosphate)		No data available
Aluminium		No data available
Naphtha (petroleum), hydrotreated heavy		No data available
Aluminium orthophosphate		No data available
Xylene		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
Ethylbenzene		No data available
Zinc oxide		No data available

Germ Cell Mutagenicity

Name	Route	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		No data available
Phenol-formaldehyde polymer, glycidyl ether		No data available
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		No data available
Trizinc bis(orthophosphate)		No data available
Aluminium	In vivo	Mutagenic
Naphtha (petroleum), hydrotreated heavy		No data available
Aluminium orthophosphate		No data available
Xylene		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
Ethylbenzene		No data available
Zinc oxide		No data available

Carcinogenicity

Name	Route	Species	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane			No data available
Phenol-formaldehyde polymer,			No data available

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glycidyl ether			
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives			No data available
Trizinc bis(orthophosphate)			No data available
Aluminium			No data available
Naphtha (petroleum), hydrotreated heavy			No data available
Aluminium orthophosphate			No data available
Xylene			No data available
Synthetic amorphous silica, fumed, crystalline free			No data available
Ethylbenzene	Inhalation		Carcinogenic.
Zinc oxide			No data available

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		No data available			
Phenol-formaldehyde polymer, glycidyl ether		No data available			
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives		No data available			
Trizinc bis(orthophosphate)		No data available			
Aluminium		No data available			
Naphtha (petroleum), hydrotreated heavy		No data available			
Aluminium orthophosphate		No data available			
Xylene		No data available			
Synthetic amorphous silica, fumed, crystalline free		No data available			
Ethylbenzene		No data available			
Zinc oxide		No data available			

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane			No data available			
Phenol-formaldehyde polymer,			No data available			

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glycidyl ether						
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives			No data available			
Trizinc bis(orthophosphate)			No data available			
Aluminium			No data available			
Naphtha (petroleum), hydrotreated heavy	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Aluminium orthophosphate			No data available			
Xylene	Inhalation	auditory system	Causes damage to organs		LOAEL 6.3 mg/l	
Xylene	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 0.43 mg/l	
Xylene	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Synthetic amorphous silica, fumed, crystalline free			No data available			
Ethylbenzene			No data available			
Zinc oxide			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane			No data available			
Phenol-formaldehyde polymer, glycidyl ether			No data available			
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives			No data available			
Trizinc bis(orthophosphate)			No data available			
Aluminium	Ingestion	bone, teeth, nails, and/or hair	Some positive data exist, but the data are not		NOAEL N/A	

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		hematopoietic system central nervous system	sufficient for classification			
Naphtha (petroleum), hydrotreated heavy			No data available			
Aluminium orthophosphate			No data available			
Xylene	Inhalation	nervous system	Causes damage to organs through prolonged or repeated exposure		LOAEL 0.4 mg/l	
Xylene	Inhalation	auditory system	May cause damage to organs through prolonged or repeated exposure		LOAEL 7.8 mg/l	
Synthetic amorphous silica, fumed, crystalline free			No data available			
Ethylbenzene			No data available			
Zinc oxide			No data available			

Aspiration Hazard

Name	Value
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	Not an aspiration hazard
Phenol-formaldehyde polymer, glycidyl ether	Not an aspiration hazard
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	Not an aspiration hazard
Trizinc bis(orthophosphate)	Not an aspiration hazard
Aluminium	Not an aspiration hazard
Naphtha (petroleum), hydrotreated heavy	Aspiration hazard
Aluminium orthophosphate	Not an aspiration hazard
Xylene	Aspiration hazard
Synthetic amorphous silica, fumed, crystalline free	Not an aspiration hazard
Ethylbenzene	Not an aspiration hazard
Zinc oxide	Not an 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

Acute aquatic hazard:

GHS Acute 1: Very toxic to aquatic life.

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Chronic aquatic hazard:

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

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

SECTION 14: Transportation information

GR-2001-0755-9, GR-2001-0760-9, GR-2001-2628-6, GR-2001-2630-2

ADR/RID: UN1263, PAINT RELATED MATERIAL, LIMITED QUANTITY, 3., III, (-), ADR Classification Code: F1.

IMDG-CODE: UN1263, PAINT RELATED MATERIAL, 3, III, LIMITED QUANTITY, Marine Pollutant, (ZINC PHOSPHATE AND ZINC OXIDE), EMS: FE, SE.

ICAO/IATA: UN1263, PAINT RELATED MATERIAL, 3., III.

GR-2001-0757-5

ADR/RID: UN1263, PAINT RELATED MATERIAL, 3., III, (D/E), ENVIRONMENTALLY HAZARDOUS, ADR Classification Code: F1.

3M Scotchkote Epoxy Primer GP 120, Silver (Part A)

IMDG-CODE: UN1263, PAINT RELATED MATERIAL, 3, III, Marine Pollutant, (ZINC PHOSPHATE AND ZINC OXIDE), EMS: FE,SE.

ICAO/IATA: UN1263, PAINT RELATED MATERIAL, 3., III.

GR-2001-3908-1

ADR/RID: UN1263, PAINT RELATED MATERIAL, LIMITED QUANTITY, 3., III, (--), ADR Classification Code: F1.

IMDG-CODE: UN1263, PAINT RELATED MATERIAL, 3, III, LIMITED QUANTITY, EMS: FE,SE.

ICAO/IATA: UN1263, PAINT RELATED MATERIAL, 3., III.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Carcinogenicity**

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
Ethylbenzene	100-41-4	Grp. 2B: Possible human carc.	International Agency for Research on Cancer
Xylene	1330-20-7	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 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.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gas.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R10	Flammable.
R11	Highly flammable.
R15	Contact with water liberates highly flammable gases.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.

3M Scotchkote Epoxy Primer GP 120, Silver (Part A)

R36	Irritating to eyes.
R38	Irritating to skin.
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.
R67	Vapours may cause drowsiness and dizziness.

Revision information:

Revision Changes:

Section 8: Respiratory protection - recommended respirators information was modified.

Section 3: Composition/ Information of ingredients table was modified.

Copyright was modified.

Aspiration Hazard Table was modified.

Section 11: Acute Toxicity table was modified.

Carcinogenicity Table was modified.

Serious Eye Damage/Irritation Table was modified.

Germ Cell Mutagenicity Table was modified.

Skin Sensitisation Table was modified.

Respiratory Sensitisation Table was modified.

Reproductive Toxicity Table was modified.

Skin Corrosion/Irritation Table was modified.

Target Organs - Repeated Table was modified.

Target Organs - Single Table was modified.

Section 13: Standard Phrase Category Waste GHS was modified.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. was modified.

Section 8: 8.1. Derived no effect level (DNEL) table heading was added.

Section 8: 8.1. Predicted no effect concentrations (PNEC) table heading was added.

Section 8: 8.1. Derived no effect level (DNEL) table ingredient column heading was added.

Section 8: 8.1. Derived no effect level (DNEL) table population column heading was added.

Section 8: 8.1. Derived no effect level (DNEL) table human exposure pattern column heading was added.

Section 8: 8.1. Derived no effect level (DNEL) table DNEL column heading was added.

Section 8: DNEL table row was added.

Section 8: 8.1. Predicted no effect concentrations (PNEC) table ingredient column heading was added.

Section 8: 8.1. Predicted no effect concentrations (PNEC) table compartment column heading was added.

Section 8: 8.1. Predicted no effect concentrations (PNEC) table PNEC column heading was added.

Section 8: PNEC table row was added.

Section 8: 8.1. Derived no effect level (DNEL) table Degradation Product column heading was added.

Section 8: 8.1. Predicted no effect concentrations (PNEC) table Degradation Product column heading was added.

Label: CLP Percent Unknown was deleted.

Section 11: UN GHS Classification table heading was deleted.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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