

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Supersedes date 31-Mar-2026

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Revision Number 1.01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) 128301

Safety data sheet number 128301

Product Name 3M GEN PURP BODY FILLER

Synonyms 51079 GEN PURP BODY FILLER

Pure substance/mixture Mixture

Contains STYRENE; TITANIUM DIOXIDE

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

Recommended use Automotive

1.3. Details of the supplier of the safety data sheet

Supplier

Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com

Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flammable liquids	Category 3 - (H226)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Reproductive toxicity	Category 2 - (H361d)
Specific target organ toxicity — repeated exposure	Category 1 - (H372)
Aspiration hazard	Category 1 - (H304)

2.2. Label elements

Contains STYRENE; TITANIUM DIOXIDE

**Signal word**

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H361d - Suspected of damaging the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

H226 - Flammable liquid and vapour

EUH208 - Contains N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE). May produce an allergic reaction.

Precautionary statements

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P370 + P378 - In case of fire: Use dry chemical, CO₂, water spray or alcohol-resistant foam to extinguish

P403 + P235 - Store in a well-ventilated place. Keep cool

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
HYDRATED MAGNESIUM SILICATE	30 - 60%	238-877-9	-	Not classified	-	-	-

14807-96-6 STYRENE 100-42-5	10 - 30%	202-851-5	-	Aquatic Chronic 3 (H412) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Acute Tox. 4 (H332) Repr. 2 (H361d) Eye Irrit. 2 (H319) STOT RE 1 (H372) Skin Irrit. 2 (H315) STOT SE 3 (H335)	-	-	-
TITANIUM DIOXIDE 13463-67-7	5 - 10%	236-675-5 (022-006-00-2)	-	Not Classified	-	-	-
GLASS OXIDE 65997-17-3	1 - 5%	266-046-0	-	Not classified	-	-	-
MAGNESITE 13717-00-5	< 3%	-	-	Not Classified	-	-	-
DOLOMITE 16389-88-1	< 3%	240-440-2	-	Not classified	-	-	-
N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE) 123-26-2	< 0.5%	204-613-6	-	Skin Sens. 1 (H317)	-	-	-

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical attention. Delayed pulmonary edema may occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use

barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. See section 8 for more information.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Coughing and/or wheezing. Difficulty in breathing. Dizziness. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Eyes	Burning sensation. May cause redness and tearing of the eyes.
Dermal	Irritating. Erythema (skin redness). Prolonged contact may cause redness and irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
Ingestion	May be fatal if swallowed and enters airways Risk of chemical pneumonia after aspiration. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Carbon dioxide (CO ₂). Dry chemical.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	Flammable liquid and vapour. Vapours may form explosive mixtures with air. Thermal decomposition can lead to release of irritating and toxic gases and vapours. Heating will cause pressure rise with risk of bursting.
Hazardous combustion products	Carbon oxides.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Cool containers with flooding quantities of water until well after fire is out.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required. See section 8 for more information. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non sparking handtools and explosion-proof electric equipment.
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Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Mix in sufficient absorbent until it appears dry. Contaminated absorbent material may pose the same hazard as the spilt product.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Clean up residue with an appropriate solvent selected by a qualified and authorised person and then ventilate the area with fresh air.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Ensure adequate ventilation. Take off contaminated clothing and wash it before reuse. Avoid breathing vapours or mists. In case of insufficient ventilation, wear suitable respiratory equipment. Vapours may travel to source of ignition and flash back. Use spark-proof tools and explosion-proof equipment. Keep away from heat, sparks and open flame. Take precautionary measures against static discharge. Use personal protection recommended in Section 8. Ground and bond container and receiving equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing. Contaminated work clothing should not be allowed out of the workplace. Take off all contaminated clothing and wash it before reuse. Wash thoroughly after handling. Ensure that eyewash stations and safety showers are close to the workstation location.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat. Store away from incompatible materials. Avoid contact with: Acids. Oxidising agents. See section 10 for more information.

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

Chemical name	United Kingdom
HYDRATED MAGNESIUM SILICATE 14807-96-6	TWA: 1 mg/m ³ STEL: 3 mg/m ³
STYRENE 100-42-5	TWA: 100 ppm TWA: 430 mg/m ³ STEL: 250 ppm STEL: 1080 mg/m ³
TITANIUM DIOXIDE 13463-67-7	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³
GLASS OXIDE 65997-17-3	TWA: 5 mg/m ³ TWA: 3 mg/m ³ TWA: 10 mg/m ³
MAGNESITE 13717-00-5	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
HYDRATED MAGNESIUM SILICATE 14807-96-6		43.2 mg/kg [4] [6] 4.54 mg/cm ² [5] [6]	2.16 mg/m ³ [4] [6] 2.16 mg/m ³ [4] [7] 3.6 mg/m ³ [5] [6] 3.6 mg/m ³ [5] [7]
STYRENE 100-42-5		406 mg/kg bw/day [4] [6]	85 mg/m ³ [4] [6] 306 mg/m ³ [5] [7] 289 mg/m ³ [4] [7]

[4] Systemic health effects.
 [5] Local health effects.
 [6] Long term.
 [7] Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
HYDRATED MAGNESIUM SILICATE 14807-96-6	160 mg/kg [4] [6] 160 mg/kg [4] [7]	21.6 mg/kg [4] [6] 2.27 mg/cm ² [5] [6]	1.08 mg/m ³ [4] [6] 1.08 mg/m ³ [4] [7] 1.8 mg/m ³ [5] [6] 1.8 mg/m ³ [5] [7]
STYRENE 100-42-5	2.1 mg/kg bw/day [4] [6]	343 mg/Kg bw/day [4] [6]	182.7 mg/m ³ [5] [7] 174.2 mg/m ³ [4] [7] 10.2 mg/m ³ [4] [6]

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
HYDRATED MAGNESIUM SILICATE 14807-96-6	597.97 mg/L	597.97 mg/L	141.26 mg/L	141.26 mg/L	10 mg/m ³
STYRENE 100-42-5	0.028 mg/L	0.04 mg/L	0.014 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
HYDRATED MAGNESIUM SILICATE 14807-96-6	31.33 mg/kg	3.13 mg/kg			
STYRENE 100-42-5	0.614 mg/Kg.dw	0.307 mg/Kg.dw	5 mg/L	0.2 mg/Kg.dw	

8.2. Exposure controls**Engineering controls**

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Respiratory protection must be used if air contamination exceeds acceptable level. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment**Eye/face protection**

If splashes are likely to occur, wear safety glasses with side-shields. Use eye protection according to EN ISO 16321-1.

Hand protection

Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Polymer laminate	> 0.3 mm	>=8 hours

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates, conforming to EN140 or EN136, filter types A and P.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing. Contaminated work clothing should not be allowed out of

the workplace. Take off all contaminated clothing and wash it before reuse. Wash thoroughly after handling. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Paste
Colour	white
Odour	Characteristic.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point		No information available.
Initial boiling point and boiling range	145 °C	
Flammability		No information available.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point	31 °C	CC (closed cup).
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH		No information available.
pH (as aqueous solution)		No information available.
Kinematic viscosity		No information available.
Dynamic viscosity		No information available.
Water solubility	Insoluble in water	
Solubility(ies)		No information available.
Partition coefficient	3.05	
Vapour pressure		No information available.
Relative density	1.3	
Bulk density		No information available
Liquid Density	1.3 g/cm3	
Relative vapour density	3.6	
Particle characteristics		No information available.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information Evaporation rate 12.4

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Hazardous polymerisation does not occur. Flammable liquid and vapour. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and open flame. static discharge (electrostatic discharge).

10.5. Incompatible materials

Incompatible materials Strong acids. Strong oxidising agents. Combustible material.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. (based on components).
Eye contact	May cause irritation. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Repeated exposure may cause skin dryness or cracking. Causes skin irritation. (based on components). The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
Ingestion	Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
HYDRATED MAGNESIUM SILICATE	> 5000 mg/kg (Rat)	> 5000 mg/kg	-
STYRENE	> 6000 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 11.8 mg/l (Rat) 4h

TITANIUM DIOXIDE	> 5000 mg/kg (Rat)	-	> 6.82 mg/L (Rat) 4 h
GLASS OXIDE	2000 - 5000 mg/kg	> 5000 mg/kg	-
MAGNESITE	> 2000 mg/kg (Rat)	-	-
DOLOMITE	> 2000 mg/kg (Rat)	2000 - 5000 mg/kg	-
N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE)	> 2000 mg/kg (Rat)	-	> 5.05 mg/l (Rat) 4h

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Classification based on data available for ingredients. Causes skin irritation.

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal			non-irritant

STYRENE (100-42-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Mild skin irritant

GLASS OXIDE (65997-17-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Dermal			non-irritant

MAGNESITE (13717-00-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		in vitro			non-irritant

DOLOMITE (16389-88-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes serious eye irritation.

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	eye			non-irritant

STYRENE (100-42-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Moderate eye irritation

GLASS OXIDE (65997-17-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

MAGNESITE (13717-00-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	eye			Mild eye irritation

DOLOMITE (16389-88-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

Respiratory or skin sensitisation Based on available data the classification criteria are not met.

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Exposure route	Results
	Human evidence	Inhalation	Not classified

STYRENE (100-42-5)

Method	Species	Exposure route	Results
			No sensitisation responses were observed

N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE) (123-26-2)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig		Sensitising

Germ cell mutagenicity Based on available data the classification criteria are not met.

Component Information

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Results
	in vitro	Not mutagenic
	in vivo	Not mutagenic

STYRENE (100-42-5)

Method	Species	Results
	in vitro	Some positive data exist, but the data are not sufficient for classification
	in vivo	Some positive data exist, but the data are not sufficient for classification

GLASS OXIDE (65997-17-3)

Method	Species	Results
	in vitro	In vitro genetic toxicity studies were negative in some cases and positive in other cases.

Carcinogenicity Based on available data the classification criteria are not met.

Component Information

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Results
OECD 453	Rat	Not classified
	human data	Some positive data exist, but the data are not sufficient for classification

STYRENE (100-42-5)

Method	Species	Results
	Mouse	Carcinogenic
	human data Animal Data.	Carcinogenic

GLASS OXIDE (65997-17-3)

Method	Species	Results
		Limited evidence of a carcinogenic effect

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	United Kingdom
TITANIUM DIOXIDE	Carc. 2

Reproductive toxicity

Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging the unborn child.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	United Kingdom
STYRENE	Repr. 2

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Results
	Rat Oral	NOAEL 1600 mg/kg Not classified

STYRENE (100-42-5)

Method	Species	Results
	Rat Oral	NOAEL 21 mg/kg/day Not classified
	Rat Inhalation	NOAEL 2.1 mg/l Not classified
	Rat Oral	NOAEL 400 mg/kg/day Not classified
	Animal Data.	NOAEL 2.1 mg/l Not classified

STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

STYRENE (100-42-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Animal Data.	Inhalation	4.3 mg/L		Causes damage to organs
	Mouse	Inhalation	2.1 mg/L		Causes damage to organs
	human data	Inhalation			May cause drowsiness or dizziness
	human data Animal Data.	Inhalation			May cause respiratory irritation
	Rat	Inhalation			Not classified
	Animal Data.	Inhalation	2.1 mg/L		Not classified

STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Component Information

HYDRATED MAGNESIUM SILICATE (14807-96-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	human data	Inhalation			Repeated excessive exposure may cause irritation of the upper respiratory tract and lungs
	Rat	Inhalation	18 mg/m ³	113 weeks	

STYRENE (100-42-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	human data	Inhalation			Causes damage to organs through

					prolonged or repeated exposure
	Mouse	Inhalation	0.85 mg/L	13 weeks	May cause damage to organs through prolonged or repeated exposure
	Animal Data.	Inhalation	1.1 mg/L		Some positive data exist, but the data are not sufficient for classification
	Rat	Inhalation	0.85 mg/L	7 days	Not classified
	Rat	Inhalation	0.6 mg/L	10 days	Not classified
	Animal Data.	Inhalation	0.09 mg/L		Not classified
	Animal Data.	Inhalation	4.3 mg/L	24 months	Not classified
	Rat	Ingestion	500 mg/kg bw/d	8 weeks	Some positive data exist, but the data are not sufficient for classification
	Animal Data.	Ingestion			Some positive data exist, but the data are not sufficient for classification
	Rat	Ingestion	677 mg/kg bw/d	6 months	Not classified
	Dog	Ingestion	600 mg/kg bw/d	470 days	Not classified
	Rat	Ingestion	35 mg/kg bw/d	105 weeks	Not classified

GLASS OXIDE (65997-17-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	human data	Inhalation			Not classified

Aspiration hazard May be fatal if swallowed and enters airways.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The product contains no substances known to be hazardous to health or to the environment in concentrations which need to be taken into account.

STYRENE (100-42-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Daphnia magna	EC50	4.7 mg/L	48 hours	
	Pseudokirchneriella subcapitata	EC50	4.9 mg/L	72 hours	
OECD Test No. 209: Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)	activated sludge	EC	500 mg/L	30 minutes	
OECD Test No. 203: Fish, Acute Toxicity Test	Daphnia magna	NOEC	1.01 mg/L	21 days	
OECD Test No. 207: Earthworm, Acute Toxicity Tests	Eisenia foetida	LC50	120 mg/kg	14 days	
	Fish	LC50	4.02 mg/L	96 hours	

	Green Algae	ErC10	0.28 mg/L	96 hours	
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TITANIUM DIOXIDE (13463-67-7)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Pimephales promelas	LC50	> 1000 mg/L	96 hours	
	Alburnus alburnus	LC50	> 1000 mg/L	96 hours	
	Pseudokirchneriella subcapitata	EC50	61 mg/L	72 hours	
	Daphnia magna	EC50	> 1000 mg/L	48 hours	

GLASS OXIDE (65997-17-3)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Green Algae	EC50	>1000 mg/L	72 hours	
	Water flea	EC50	>1000 mg/L	72 hours	
	Fish	LC50	>1000 mg/L	96 hours	
	Green Algae	NOEC	>1000 mg/L	72 hours	

MAGNESITE (13717-00-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Fish	LC50	1877 mg/L	96 hours	
	Green Algae	ErC50	> 41 mg/L	72 hours	
	Water flea	LC50	486 mg/L	48 hours	
	Green Algae	NOEC	41 mg/L	72 hours	
	Water flea	EC10	284 mg/L	21 days	
	activated sludge	EC50	373 mg/L	3 hours	

DOLOMITE (16389-88-1)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Water flea	EC50	190 mg/L	48 hours	
	Fish	LC50	>100 mg/L	96 hours	
	Oncorhynchus mykiss (rainbow trout)	NOEC	>100 mg/L	21 days	

N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE) (123-26-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Green Algae		>100 mg/L	72 hours	
	Oncorhynchus mykiss (rainbow trout)		>100 mg/L	96 hours	
	Water flea		>100 mg/L	48 hours	
	Green Algae		100 mg/L	72 hours	

12.2. Persistence and degradability

Persistence and degradability No information available.

N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE) (123-26-2)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	22% Biodegradation	Not readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
HYDRATED MAGNESIUM SILICATE	-9.4
STYRENE	3
N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE)	5.86

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
HYDRATED MAGNESIUM SILICATE	The substance is not PBT / vPvB
STYRENE	The substance is not PBT / vPvB
TITANIUM DIOXIDE	The substance is not PBT / vPvB PBT assessment does not apply
GLASS OXIDE	PBT assessment does not apply
N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECAN-1-AMIDE)	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number	UN3269
14.2 UN proper shipping name	POLYESTER RESIN KIT
14.3 Transport hazard class(es)	3
14.4 Packing group	III
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	A66, A163
ERG Code	3L

IMDG

14.1 UN number or ID number	UN3269
14.2 UN proper shipping name	POLYESTER RESIN KIT
14.3 Transport hazard class(es)	3
14.4 Packing group	II
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	236, 340

EmS-No F-E, S-D
14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN number or ID number UN3269
14.2 UN proper shipping name POLYESTER RESIN KIT, LIQUID BASE MATERIAL
14.3 Transport hazard class(es) 3
14.4 Packing group II
14.5 Environmental hazards No
14.6 Special precautions for user
Special Provisions 236, 340
Classification code F3

ADR

14.1 UN number or ID number UN3269
14.2 UN proper shipping name POLYESTER RESIN KIT, LIQUID BASE MATERIAL
14.3 Transport hazard class(es) 3
14.4 Packing group II
14.5 Environmental hazards No
14.6 Special precautions for user
Special Provisions 236, 340
Classification code F3
Tunnel restriction code (E)

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

This product does not contain substances subject to authorisation (UK REACH - Annex XIV).

Product restricted per REACH Annex XVII: 3

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
STYRENE - 100-42-5	75	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECI	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA	- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL	- Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	- Japan Existing and New Chemical Substances
IECSC	- China Inventory of Existing Chemical Substances
KECI	- Korean Existing and Evaluated Chemical Substances
PICCS	- Philippines Inventory of Chemicals and Chemical Substances
AIIC	- Australian Inventory of Industrial Chemicals
NZIoC	- New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report	Not applicable
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SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H226	- Flammable liquid and vapour
H304	- May be fatal if swallowed and enters airways
H315	- Causes skin irritation
H317	- May cause an allergic skin reaction
H319	- Causes serious eye irritation
H332	- Harmful if inhaled
H335	- May cause respiratory irritation
H361d	- Suspected of damaging the unborn child
H372	- Causes damage to organs through prolonged or repeated exposure
H412	- Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Revision Note **SDS sections updated 1 16****Classification procedure**

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method

Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Prepared By	K Winter
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This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet