

SAFETY DATA SHEET



Date of issue/Date of revision

: 12 October 2026

Version

: 2.05

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

1.1 Product identifier

Product name : SL75 JF JOINT FILLER CONCRETE GRAY 1376 - B
Product code : 00465229
Product type : Liquid.
Other means of identification : Not available.

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

Product use : Professional applications, Used by spraying.
Use of the substance/mixture : Coating.
Uses advised against : Product is not intended, labelled or packaged for consumer use.

1.3 Details of the supplier of the safety data sheet

PPG Coatings Belgium BV/SRL
Tweemontstraat 104
B-2100 Deurne
Belgium
Telephone +32-33606311
Fax +32-33606435

e-mail address of person responsible for this SDS : Product.Stewardship.EMEA@ppg.com

1.4 Emergency telephone number

Supplier
+31 20 4075210

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture
Classification according to UK CLP/GHS
Acute Tox. 4, H302
Skin Corr. 1B, H314
Eye Dam. 1, H318
Aquatic Chronic 2, H411

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word

: Danger

Hazard statements

: Harmful if swallowed.
Causes severe skin burns and eye damage.
Toxic to aquatic life with long lasting effects.

Precautionary statements

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SECTION 2: Hazards identification

Prevention	: Wear protective gloves, protective clothing and eye or face protection. Avoid release to the environment.
Response	: Collect spillage. IF INHALED: Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Storage	: Not applicable.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P273, P391, P304 + P310, P301 + P310, P501
Supplemental label elements	:  Contains diethyl maleate. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requirements	
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:  Prolonged or repeated contact may dry skin and cause irritation. Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or during cure at curing temperatures greater than 60C/140F.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
 Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)- (n > 6)	EC: Polymer CAS: 9046-10-0	≥25 - ≤50	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]
4,4'-methylenebis[N-sec-butylaniline] diethylmethylbenzenediamine	EC: 226-122-6 CAS: 5285-60-9	≥10 - ≤25	Acute Tox. 4, H302	[1]
	REACH #: 01-2119486805-25	≥5.0 - <10	Acute Tox. 4, H302 Acute Tox. 4, H312 Eye Irrit. 2, H319 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
	EC: 270-877-4 CAS: 68479-98-1 Index: 612-130-00-0			
Propane-1,2-diol, propoxylated (MW<2000)	CAS: 25322-69-4	≥1.0 - ≤5.0	Acute Tox. 4, H302	[1]
Poly[oxy(methyl-1,2-ethanediyl)], α, α', α''-1,2,3-propanetriyltris[ω-(2-aminomethylethoxy)-	CAS: 64852-22-8	≥1.0 - ≤5.0	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]
Propane-1,2-diol, propoxylated	EC: 500-039-8 CAS: 25322-69-4	≥1.0 - ≤5.0	Acute Tox. 4, H302	[1]

English (GB)

United Kingdom (UK)

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SECTION 3: Composition/information on ingredients

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	REACH #: 01-2119513212-58 EC: 219-784-2 CAS: 2530-83-8	≥1.0 - ≤5.0	Eye Dam. 1, H318 Aquatic Chronic 3, H412	[1]
Oxazolidine, 3-butyl-2-(1-ethylpentyl)-	REACH #: 01-0000017206-75 EC: 425-660-0 CAS: 165101-57-5	≥1.0 - ≤5.0	Aquatic Chronic 2, H411	[1]
diethyl maleate	EC: 205-451-9 CAS: 141-05-9	<1.0	Skin Sens. 1B, H317	[1]
See Section 16 for the full text of the H statements declared above.				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes severe burns. Defatting to the skin.
- Ingestion** : Harmful if swallowed.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain
watering
redness
- Inhalation** : No specific data.

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SECTION 4: First aid measures

- Skin contact** : Adverse symptoms may include the following:
 pain or irritation
 redness
 dryness
 cracking
 blistering may occur
- Ingestion** : Adverse symptoms may include the following:
 stomach pains

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous combustion products** : ☒ Decomposition products may include the following materials:
 carbon oxides
 nitrogen oxides
 metal oxide/oxides
 Formaldehyde.

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : ☒ Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : ☒ No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour. Put on appropriate personal protective equipment. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SECTION 6: Accidental release measures

6.2 Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3 Methods and material for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

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

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Occupational exposure limits

No exposure limit value known.

No exposure indices known.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

4,4'-methylenebis[N-sec-butyraniline]	DNEL - General population - Short term - Oral	Systemic	125 µg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic	125 µg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	125 µg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	208 µg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	2.2 mg/m ³
diethylmethylbenzenediamine	DNEL - Workers - Long term - Inhalation	Systemic	7.3 mg/m ³
	DNEL - General population - Long term - Oral	Systemic	0.1 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	0.1 mg/m ³
	DNEL - Workers - Long term - Inhalation	Systemic	0.13 mg/m ³
	DNEL - General population - Long term - Dermal	Systemic	1 mg/kg bw/day
Propane-1,2-diol, propoxylated (MW<2000)	DNEL - Workers - Long term - Dermal	Systemic	1 mg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic	8.3 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	8.3 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Local	10 mg/m ³
	DNEL - Workers - Long term - Inhalation	Local	10 mg/m ³
Propane-1,2-diol, propoxylated	DNEL - Workers - Long term - Dermal	Systemic	13.9 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	29 mg/m ³
	DNEL - Workers - Long term - Inhalation	Systemic	98 mg/m ³
	DNEL - General population - Long term - Oral	Systemic	8.3 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	8.3 mg/kg bw/day
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	DNEL - General population - Long term - Inhalation	Local	10 mg/m ³
	DNEL - Workers - Long term - Dermal	Systemic	13.9 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	29 mg/m ³
	DNEL - Workers - Long term - Inhalation	Systemic	98 mg/m ³
	DNEL - Workers - Short term - Inhalation	Systemic	147 mg/m ³
	DNEL - Workers - Short term - Dermal	Systemic	21 mg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic	5 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	5 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	10 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	17 mg/m ³

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SECTION 8: Exposure controls/personal protection

Oxazolidine, 3-butyl-2-(1-ethylpentyl)-	DNEL - Workers - Long term - Inhalation	Systemic	70.5 mg/m ³
	DNEL - General population - Short term - Inhalation	Systemic	26400 mg/m ³
	DNEL - Workers - Long term - Inhalation	Systemic	29.4 mg/m ³
	DNEL - Workers - Long term - Dermal	Systemic	16.7 mg/kg bw/day
	DNEL - General population - Consumers - Long term - Inhalation	Systemic	6.25 mg/m ³
	DNEL - General population - Consumers - Long term - Dermal	Systemic	8.3 mg/kg bw/day
	DNEL - General population - Consumers - Long term - Oral	Systemic	4.2 mg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic	1.7 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	2.9 mg/m ³
	DNEL - General population - Long term - Dermal	Systemic	3.3 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	9.3 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Systemic	16.5 mg/m ³

PNECs

Product/ingredient name	Compartment Detail - Method	Value
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane Oxazolidine, 3-butyl-2-(1-ethylpentyl)-	Fresh water - Assessment Factors	1 mg/l
	Marine water - Assessment Factors	0.1 mg/l
	Sewage Treatment Plant - Assessment Factors	10 mg/l
	Fresh water sediment - Equilibrium Partitioning	3.6 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	0.36 mg/kg dwt
	Soil - Equilibrium Partitioning	0.14 mg/kg dwt
	Fresh water - Assessment Factors	0.006 mg/l
	Marine water - Assessment Factors	0.001 mg/l
	Sewage Treatment Plant - Assessment Factors	18 mg/l
	Fresh water sediment - Equilibrium Partitioning	1047 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	0.105 mg/kg dwt
	Soil	0.303 mg/kg dwt

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Chemical splash goggles and face shield.

Skin protection

nitrile rubber, butyl rubber, PVC, Viton®

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection :

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Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3

Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
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SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	: Liquid.
Colour	: Various
Odour	: Characteristic.
Odour threshold	: Not available.
Melting point/freezing point	:
Initial boiling point and boiling range	: >37.78°C (>100°F)
Flammability (solid, gas)	: liquid
Upper/lower flammability or explosive limits	: Not available.
Flash point	: Closed cup: 110°C (230°F)
Auto-ignition temperature	:

Ingredient name	°C	°F	Method
Propane-1,2-diol, propoxylated (MW<2000)	305	581	EU A.15

pH	: Not applicable.
	Not applicable. insoluble in water.
Viscosity	: Dynamic (room temperature): Not available.
	Kinematic (room temperature): Not available.
	Kinematic (40°C): >21 mm²/s

Solubility(ies)	:
Media	Result
cold water	Not soluble

Miscible with water	: No.
Partition coefficient: n-octanol/ water	: Not applicable.

Vapour pressure		:				
Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
 3-(2,3-epoxypropoxy)propyl] trimethoxysilane	0.0082	0.0011				

Relative density	: 1.02
Explosive properties	: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.
Oxidising properties	: Product does not present an oxidizing hazard.

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SECTION 9: Physical and chemical properties

Particle characteristics	
Median particle size	: Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides Formaldehyde. metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects		
Acute toxicity		
Product/ingredient name	Result	Dose / Exposure
Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)- (n > 6)	Rabbit - Dermal - LD50	1555 mg/kg
4,4'-methylenebis[N-sec-butylaniline]	Rat - Oral - LD50	1100 mg/kg
diethylmethylbenzenediamine	Rat - Oral - LD50	1400 mg/kg
Propane-1,2-diol, propoxylated (MW<2000)	Rat - Oral - LD50	472 mg/kg
Poly[oxy(methyl-1,2-ethanediyl)], α, α', α''-1,2,3-propanetriyltris[ω-(2-aminomethylethoxy)-[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	Rat - Oral - LD50 <i>Toxic effects:</i> Eye - Lacrimation Behavioral - Somnolence (general depressed activity) Musculoskeletal - Other changes	1000 mg/kg
Oxazolidine, 3-butyl-2-(1-ethylpentyl)-diethyl maleate	Rat - Oral - LD50 Rabbit - Dermal - LD50	>10000 mg/kg 12.5 g/kg
	Rat - Oral - LD50 <i>Toxic effects:</i> Behavioral - Somnolence (general depressed activity) Behavioral - Coma	7.01 g/kg
	Rat - Inhalation - LC50 Dusts and mists Rat - Oral - LD50	>5.3 mg/l [4 hours] >2000 mg/kg
	Rat - Oral - LD50 Rat - Dermal - LD50	3200 mg/kg 5 g/kg

Conclusion/Summary	: There are no data available on the mixture itself.
Acute toxicity estimates	

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Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
SL75 JF JOINT FILLER CONCRETE GRAY 1376 - B	1194.4	2627.1	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)- (n > 6)	1100	1555	N/A	N/A	N/A
4,4'-methylenebis[N-sec-butyldianiline]	1400	N/A	N/A	N/A	N/A
diethylmethylbenzenediamine	472	1100	N/A	N/A	N/A
Propane-1,2-diol, propoxylated (MW<2000)	1000	N/A	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], α,α', α"-1,2,3-propanetriyltris[ω-(2-aminomethylethoxy)-	N/A	12500	N/A	N/A	N/A
Propane-1,2-diol, propoxylated	500	N/A	N/A	N/A	N/A
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	7010	N/A	N/A	N/A	N/A
diethyl maleate	3200	5000	N/A	N/A	N/A

Irritation/Corrosion

- Conclusion/Summary** : Not available.
- Skin** : There are no data available on the mixture itself.
- Eyes** : There are no data available on the mixture itself.
- Respiratory** : There are no data available on the mixture itself.

Sensitisation

- Conclusion/Summary**
- Skin** : There are no data available on the mixture itself.
- Respiratory** : There are no data available on the mixture itself.

Mutagenicity

- Conclusion/Summary** : There are no data available on the mixture itself.

Carcinogenicity

- Conclusion/Summary** : There are no data available on the mixture itself.

Reproductive toxicity

- Conclusion/Summary** : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
diethylmethylbenzenediamine	Category 2	-	-

Aspiration hazard

Not available.

Information on likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes severe burns. Defatting to the skin.
- Ingestion** : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

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SECTION 11: Toxicological information

- Eye contact** : Adverse symptoms may include the following:
 pain
 watering
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
 pain or irritation
 redness
 dryness
 cracking
 blistering may occur
- Ingestion** : Adverse symptoms may include the following:
 stomach pains

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Not available.

General : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Dose / Exposure
 Diethylmethybenzenediamine Propane-1,2-diol, propoxylated (MW<2000) [3-(2,3-epoxypropoxy)propyl] trimethoxysilane	Acute - EC50 - Fresh water	Daphnia	0.5 mg/l [48 hours]
	Acute - LC50	Fish	>100 mg/l [96 hours]
	Acute - EC50 - Fresh water	Algae	255 mg/l [72 hours]
	Acute - EC50	Daphnia	473 mg/l [48 hours]
Oxazolidine, 3-butyl-2-(1-ethylpentyl)-	Acute - LC50	Fish	55 mg/l [96 hours]
	LC50	Fish	20 mg/l [96 hours]
	EC50	Daphnia	3.2 mg/l [48 hours]

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose / Inoculum
 [3-(2,3-epoxypropoxy)propyl] trimethoxysilane	-	37% [28 days] - Not readily	

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SECTION 12: Ecological information

Conclusion/Summary	: Not available.		
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
diethylmethylbenzenediamine	-	-	Not readily
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	-	-	Not readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP_{ow}	BCF	Potential
diethylmethylbenzenediamine	14.7	-	High
Propane-1,2-diol, propoxylated (MW<2000)	-0.68 to 0.01	-	Low
Propane-1,2-diol, propoxylated	-0.68 to 0.01	-	Low
diethyl maleate	2.2	-	Low

12.4 Mobility in soil

Soil/water partition coefficient	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)- (n > 6)	No	N/A	N/A	No	N/A	N/A	N/A
4,4'-methylenebis[N-sec-butylaniline]	No	N/A	N/A	No	N/A	N/A	N/A
diethylmethylbenzenediamine	N/A	N/A	N/A	Yes	N/A	N/A	N/A
Propane-1,2-diol, propoxylated (MW<2000)	No	N/A	N/A	No	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], α,α', α"-1,2,3-propanetriyltris[ω-(2-aminomethylethoxy)-	No	N/A	N/A	No	N/A	N/A	N/A
Propane-1,2-diol, propoxylated	No	N/A	N/A	No	N/A	N/A	N/A
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	No	N/A	N/A	No	N/A	N/A	N/A
Oxazolidine, 3-butyl-2-(1-ethylpentyl)-	No	N/A	N/A	No	N/A	N/A	N/A
diethyl maleate	No	N/A	N/A	No	N/A	N/A	N/A

12.6 Other adverse effects	: No known significant effects or critical hazards.
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SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

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SECTION 13: Disposal considerations

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste :  Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	Waste catalogue
 Container	15 01 06 mixed packaging

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	 -	 -	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

Additional information

ADR/RID : None identified.

ADN : None identified.

IMDG : None identified.

IATA : None identified.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments : Not available.

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SECTION 15: Regulatory information

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

- UK (GB)/REACH
 - Annex XIV - List of substances subject to authorisation
 - Annex XIV
 - None of the components are listed.
 - Substances of very high concern
 - None of the components are listed.
 - Explosive precursors : Not applicable.
 - Ozone depleting substances
 - Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	Entry Number (REACH)
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- Labelling : Not applicable.
- Seveso Directive
 - This product is controlled under the Seveso Directive.

Danger criteria
E2

SECTION 16: Other information

- Indicates information that has changed from previously issued version.
- Abbreviations and acronyms :
 - ATE = Acute Toxicity Estimate
 - GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
 - DMEL = Derived Minimal Effect Level
 - DNEL = Derived No Effect Level
 - EUH statement = GB CLP-specific Hazard statement
 - N/A = Not available
 - PBT = Persistent, Bioaccumulative and Toxic
 - PNEC = Predicted No Effect Concentration
 - RRN = REACH Registration Number
 - SGG = Segregation Group
 - vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411	Calculation method Calculation method Calculation method Calculation method

Full text of abbreviated H statements

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SECTION 16: Other information

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

History

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Prepared by	: EHS
Version	: 2.05

Disclaimer

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