



Ideal Chemical Products Ltd

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Polysulphide Sealant

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Polysulphide Sealant
Use of the product : Sealant for the building industry
Supplier : See above
Emergency phone number : 07860287152 (after working hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Polysulphide polymer, with fillers, plasticiser and auxiliaries, and barium oxide.

<u>Name</u>	<u>CAS Number</u>	<u>Einecs Number</u>	<u>Content</u>	<u>Classification</u>
2-MERCAPTOETHANOL	200-464-6	60-24-2	<1%	T:R23/24/25
CALCIUM OXIDE	215-138-9	1305-78-8	1-5%	Xi, R37/38, R41
LIQUID POLYSULPHIDE POLYMER With thiol end groups (MW>1800)		68611-50-7	10-30%	R52/53

The Full Text for all R-Phrases are Displayed in section 16.

Composition Comments : Polysulphide polymer, with fillers, plasticiser and auxiliaries.

3. HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification : R52/53
Human Health : The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin

4. FIRST AID MEASURES

General Information : In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes : Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Ingestion : Immediately rinse mouth with plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100ml for an adult person) Take to hospital along with these instructions.
Inhalation : Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Skin : Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Water spray, Dry powder, Foam or CO2.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear appropriate protective clothing.
Environmental Precautions : Avoid discharge into drains, water courses or onto the ground
Spill Clean up Methods : Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with the spillage.

7. HANDLING AND STORAGE

Usage precautions : Avoid spilling, skin and eye contact. Observe good industrial hygiene practices
Storage precautions : Store in tightly closed original container in a dry and cool place.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	: Well-ventilated area
Hand Protection	: Use suitable protective gloves if risk of skin contact
Eye Protection	: Wear approved safety goggles
Hygiene Measures	: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Paste
Colour	: Misc. colours
Odour	: Mercaptan
Solubility	: Insoluble in water
Relative Density	: 1.69 – 1.72 @ 20°C
Flash Point (°C)	: >100
Viscosity	: 7,000 – 14,000 Ps @ 20°C
Auto Ignition Temperature (°C)	: 430

10. STABILITY AND REACTIVITY

Stability	: Stable under normal temperature conditions and recommended use.
Conditions to avoid	: Avoid excessive heat for prolonged periods of time.
Materials to avoid	: Strong oxidising substances.
Hazardous decomposition products	: No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1 –LD 50	: Not determined
Inhalation	: No specific health warnings noted
Ingestion	: No harmful effects expected in amounts likely to be ingested by accident
Skin Contact	: Prolonged and frequent contact may cause redness and irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.
Eye Contact	: May cause irritation to eyes.
Health Warnings	: Product contains: alkaline material which can cause skin irritation and eye damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity	: The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
LC 50, 96 Hrs FISH mg/l	: Not determined
Mobility	: The product is insoluble in water.
Bioaccumulation	: No data available on bioaccumulation.
Degradability	: Poorly biodegradable

13. DISPOSAL CONSIDERATIONS

Disposal methods	: Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION

General	: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/ RID)
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15. REGULATORY INFORMATION

Risk phrases	: R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases	: S60 This material and its container must be disposed of as hazardous waste P-14 Contains 3-GLYCIDOXYPROPYLTRIMETHOXYSILANE. May produce an allergic reaction.
Statutory instruments	: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
Guidance notes	: Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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16. OTHER INFORMATION

RISK PHRASES IN FULL

- R23/24/25** : Toxic by inhalation, in contact with skin and if swallowed.
- R37/38** : Irritating to respiratory system and skin
- R41** : Risk of serious damage to eyes
- R52/53** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC.

This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made. The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.