
LONG PRODUCTS

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WATERPROOFING AND CORROSION PROTECTION

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product name: Plasgard 418.

Supplied by: Cinque Ports Products Ltd
Trading as "Long Products"
Harbour road, Rye
East Sussex TN31 7TE
United Kingdom

Tel. No. +44 (0) 1797 223561
Fax No. +44 (0) 1797 224530

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Part A contains; bisphenol A/F epoxy resin, CAS No.40216-08-8, 25 to 35% by weight, dibutyl phthalate, CAS No.84-74-2, 2 to 5% by weight OES TWA 5mg/cubic meter, Methyl ethyl ketone, CAS No. 78-93-3, 2-4%, Xylene, CAS No. 1330-20-7, 5-10% OES 8hr TWA 100ppm and inert organic pigments and extenders.

Part B contains; Diethylenetriamine, CAS 111-40-0, 10-15%, Isobutanol, CAS 78-83-1. 12-20%, OES 8hr TWA 50ppm, Xylene, CAS No. 1330-20-7, 5-10% OES 8hr TWA 100ppm

3. HAZARD IDENTIFICATION.

Part A; Flammable. Harmful if swallowed. Irritating to skin, eyes, and respiratory system. May cause sensitisation in contact with skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Part B; Flammable. Harmful if swallowed. Irritating to skin, eyes, and respiratory system. May cause sensitisation in contact with skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Note that when Part A and Part B have been mixed in the recommended ratios and the blend has fully cured this product is not expected to present a hazard.

4. FIRST AID MEASURES.

- EYES - Rinse immediately with plenty of water for at least 15 minutes. Seek immediate medical attention.
- SKIN - Remove using an absorbent material. Wash off with plenty of soap and water. If skin irritation persists seek medical advice.
- INGESTION - Give plenty of water immediately, if possible a charcoal slurry. If patient vomits when lying on their back place in the recovery position. Do not induce vomiting. Seek immediate medical attention.
- INHALATION - Move to fresh air. Administer oxygen or artificial respiration if required. Seek immediate medical attention.

This M.S.D.S was revised on 4 August 2005 and supersedes all previous

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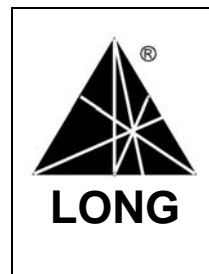
Long Products is a trading name of Cinque Ports Products Ltd.
Registered Office: 25 Manchester Square, London, W1U 3PY.



FM 40445

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5. FIRE FIGHTING MEASURES.

This product burns to produce obnoxious and toxic fumes, oxides of carbon and nitrogen.
Wear self-contained breathing apparatus, full protective clothing
Do not use high volume water jet.
Prevent contaminated water entering the drains, soil and surface water.

6. ACCIDENTAL RELEASE MEASURES.

Keep away from sources of ignition; avoid contact with skin, eyes and clothing. Do not breathe vapour.
Prevent from entering drains and watercourses. Do not contaminate surface water. Avoid soil penetration. Soak up using an inert absorbent material and then dispose of as hazardous waste.

7. HANDLING AND STORAGE.

Avoid aerosol formation. Provide sufficient air exchange and/or exhaust in workrooms.
Keep away from sources of ignition - NO SMOKING.
Store at room temperature in original container, keep container tightly closed.
Keep away from food, drink and animal feedstuffs.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION.

Ensure MEL and OES limits are adhered to. Use respiratory equipment where there is insufficient ventilation.
Use safety goggles, plastic or rubber gloves, protective clothing and safety shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance. -Part A a coloured paste.
-Part B an amber high viscosity liquid, slightly miscible with water.
S.G.: 1.1-1.4g/ml B.P.: >140°C Flash point: 23-55 °C
Lower Explosive limit: Upper explosive limit:

10. STABILITY AND REACTIVITY.

Part A reacts with amines, mercaptans and lewis acids.
Avoid strong acids, alkalis and oxidising agents.
Take steps to prevent static electricity discharge.

11. TOXICOLOGY INFORMATION.

Part A: LD50 oral (rat) >5000mg/kg. Eye irritation: rabbit - irritation
Skin irritation: rabbit - no irritation; guinea pig - causes sensitisation.

Part B: LD50 oral (rat) >2000mg/kg. Eye irritation: rabbit - no eye irritation
Skin irritation: rabbit - no irritation; guinea pig - causes sensitisation. This substance has a weak mutagenic effect on bacteria. Animal studies have shown that DDM is an animal carcinogen

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16. OTHER INFORMATION.

Any residue of the Part B remaining in its container can be neutralised by transferring some of the blended Part A and Part B components back into this container and stirring. This can then be transferred back into the main container and used as product.

This product is reserved to professional use only

When the Part A and B are combine in their supplied 4:1 ratio, and allowed to cure the resulting solid represents no hazard.

The information contained in this M.S.D.S is considered to be accurate at the time of publication, but does not constitute a Product Specification. It is offered in good faith but without guarantee that the product is suitable for any particular use or application. This M.S.D.S. does not constitute the users assessment of the work place risks as required by any health and safety legislation and should be passed to the appropriate person in your company

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