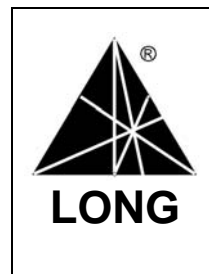


# LONG PRODUCTS

Harbour Road, Rye, East Sussex TN31 7TE, England  
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WATERPROOFING AND CORROSION PROTECTION

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product name: Plasgard 410 colours Red and Black only.

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, 45 to 55% by weight, 2,3-epoxy propyl ester CAS No.26761-45-5, 3 to 7% by weight, dibutyl phthalate, CAS No.84-74-2, 2 to 5% by weight  
OES TWA 5mg/cubic meter and inert organic pigments and extenders.

Part B contains; 4, 4 -diaminodiphenylmethane (DDM), CAS No.101-77-9, 25 - 31%.MEL 0.01PPM and dibutyl phthalate, CAS No. 84-74-2; 30 to 38%. OES TWA 5mg/cubic meter.

### 3. HAZARD IDENTIFICATION.

Part A; irritating to eyes and skin, may cause sensitisation in contact with skin.

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

Part B; Harmful if swallowed. May cause cancer. May cause sensitisation in contact with skin.

Danger of serious damage to health by prolonged exposure in contact with skin. Can be adsorbed through the skin.

Possible risks of impaired fertility. Possible risks of harm to the unborn child.

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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Registered Office: 25 Manchester Square, London, W1U 3PY.



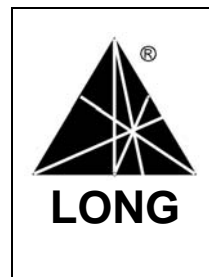
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## WATERPROOFING AND CORROSION PROTECTION

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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.

### 6. ACCIDENTAL RELEASE MEASURES.

Keep away from sources of ignition; avoid contact with skin, eyes and clothing.  
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.  
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  
S.G.: 1.2-1.4g/ml B.P.: >200°C Flash point: >173 °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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## WATERPROOFING AND CORROSION PROTECTION

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Part B.

Risk Phrase R39/23/24/25 Toxic danger of serious irreversible effects through inhalation, in contact with skin if swallowed.  
R43 May cause sensitisation by skin contact.  
R45 May cause cancer  
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.  
R62 Possible risk of impaired fertility.  
R63 Possible risk of harm to the unborn child.

Safety Phrases S53 Avoid exposure obtain special instructions before use.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

### 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 2:1 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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