

Permafex C

Part A

HEALTH & SAFETY
DATASHEET ISSUE 1.1
14 MAY 2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY

PRODUCT NAME: Permafex C
PRODUCT N°: ER2151
MANUFACTURER: Permaban Limited
Mill Close
Lee Mill Industrial Estate
Ivybridge
Devon
PL21 9GL

TEL: +44(0)1752 895288
FAX: +44(0)1752 690535
EMAIL: info@permaban.com

EMERGENCY: 999 or 112

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>EEC No</u>	<u>CAS No</u>	<u>Content</u>	<u>Symbols</u>	<u>R Phrases</u>
Epoxy Resin (Bisphenol A and epichlorohydrin reaction product)	n/l	25068-38-6	>30%	Xi	R36/38 R43
Neodeconoic acid glycidyl ester	712-609-2	26761-45-5	<10%	Xi	R36/38 R43
Di-butylphthalate	201-557-4	84-74-2	<10%	n/l	n/l
NON-HAZARDOUS CONSTITUENTS			>50%		

3. HAZARDS IDENTIFICATION

Irritant.

Irritating to skin and eyes. May cause sensitisation by skin contact.

Not expected to present an inhalation hazard or cause any adverse effects by ingestion.

4. FIRST AID MEASURES

INHALATION: In the unlikely event, remove to fresh air, keep the patient warm and at rest.

INGESTION: Treat symptomatically.

SKIN CONTACT: Wash off with soap and water. Skin conditioning cream should also be used to prevent any dryness. Launder contaminated clothes.

EYE CONTACT: Immediately flush with water for ten minutes.
If irritation occurs and persists seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Recommended: Water fog. Foam. Dry powder. CO₂

DO NOT USE: Water Jet.

This product is non-flammable but is combustible. May produce toxic or irritating vapours during combustion. If large quantities are involved in a fire, breathing apparatus should be worn.

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6. ACCIDENTAL RELEASE MEASURES

Wipe, scrape or soak up in an absorbent material and transfer to suitable disposal container. Avoid entry into drains or waterways.

7. HANDLING & STORAGE

HANDLING:

Avoid contact with eyes and skin. In accordance with good industrial hygiene practices do not eat, drink or smoke when handling this material.

STORAGE:

Keep away from all sources of ignition. Keep in a cool place. If not all used, reseal container after use.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Normal good room ventilation should be sufficient.

HAND & EYE PROTECTION:

Gloves and eye protection are recommended. Overalls are recommended. Overalls are recommended if contact is likely.

OCCUPATIONAL EXPOSURE LIMIT:

<u>Substances listed in EH40/96</u>	<u>Long-Term (8hr)</u>	<u>Short-Term (15min)</u>
Di-butylphthalate	5mg/m ³	10mg/m ³

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Grey, Viscous Liquid	DENSITY:	1.65g/ml
FLASH POINT:	>120°C	pH:	n/a
BOILING POINT:	>200°C	MELTING POINT:	n/d
VAPOUR PRESSURE:	0.1 mmHg @ 20°C	VAPOUR DENSITY:	n/d
SOLUBILITY:	Insoluble	VISCOSITY:	>50 poise @ 20°C
AUTO IGNITION POINT:	n/d	EXPLOSIVE LIMITS:	n/d

10. STABILITY & REACTIVITY

Stable under normal conditions.

Reacts exothermically with epoxy hardeners, strong oxidising agents, acids and bases. Slightly hygroscopic. Decomposition will occur above 250°C to produce toxic fumes. Will not decompose under normal conditions and temperatures. Avoid naked flames in order to avoid the formation of toxic fumes. Moisture, acids, bases and oxidising agents.

11. TOXICOLOGICAL INFORMATION

This product is considered to have a very low order of toxicity by all routes.

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12. ECOLOGICAL INFORMATION

This product is insoluble and not expected to be toxic to fish and marine life. Non-biodegradable. High potential to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

Do not empty into drains or waterways.

DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS

Further information on disposal methods and contractors is available from the National Association of Waste Disposal Contractors tel: 0207 824 8882/fax: 0207 824 8753.

14. TRANSPORT INFORMATION

This product is not subject to any transport regulations.

15. REGULATORY INFORMATION

SYMBOLS:

St. Andrews Cross

HAZARD:

Irritant

CONTAINS:

Bisphenol A (epichlorohydrin) (reaction product).

OTHER LABELLING:

Contains epoxy constituents. See information supplied by manufacturer.

OTHER:

Contains no materials listed as toxic under EPA SARA-313.

16. OTHER INFORMATION

Risk phrases in full:

R36/38 - Irritating to skin and eyes.

R43 - May cause sensitisation by skin contact.

Safety phrases in full:

S28 - After contact with skin, wash immediately with plenty of soap and water.

S37/39 - Wear suitable gloves and eye/face protection.

Please also read safety data sheet for part B before use.

THIS SAFETY DATA SHEET FOLLOWS THE REQUIREMENTS OF DIRECTIVE 93/112/EEC. THE INFORMATION CONTAINED HEREIN IS CORRECT TO THE BEST OF OUR KNOWLEDGE AT THE DATE OF PUBLICATION AND NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM ITS USE. IT IS INTENDED AS A GUIDE FOR THE SAFE HANDLING, STORAGE AND USE UNDER NORMAL CONDITIONS, BUT IT DOES NOT NECESSARILY REFER TO THE PARTICULAR REQUIREMENT OF THE CUSTOMER WHEN FURTHER ADVICE SHOULD BE OBTAINED



PERMABAN LIMITED
Mill Close, Lee Mill Industrial Estate, Ivybridge, Devon PL21 9GL

Tel: +44 (0)1752 895288 Fax: +44 (0)1752 690535

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