

STRONGCOAT DPM RESIN**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Avoid contact with skin and eyes. Provide adequate ventilation. Use protective gloves, goggles and suitable protective clothing.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

SPILL CLEAN UP METHODS

Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Provide good ventilation. Avoid contact with skin and eyes. Observe good chemical hygiene practices. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CALCIUM CARBONATE	WEL		10 total dust; 4 respirable dust mg/m ³			
DI-ISOBUTYL KETONE	WEL	25 ppm	148 mg/m ³			
N-METHYL-2-PYRROLIDONE	WEL	10 ppm	40 mg/m ³	20 ppm	80 mg/m ³	Sk
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	WEL		200 mg/m ³			

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

EYE PROTECTION

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Wash contaminated clothing before reuse.

PERSONAL PROTECTION

Always check applicability with your supplier of protective equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid.
COLOUR	Red.
RELATIVE DENSITY	1.55 approx. 20°C

STRONGCOAT DPM RESIN**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Considerable exothermic reaction can occur when mixed with epoxide hardeners.

MATERIALS TO AVOID

Strong acids. Strong alkalis. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO₂) are formed.

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause some discomfort in poorly ventilated areas.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact.

EYE CONTACT

Irritating and may cause redness and pain.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Small quantities of product may be treated with an equivalent quantity of product hardener, allowed to cure and disposed of as low hazard waste.

Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Contaminated packaging and washings should be disposed of as Hazardous Waste. Product containers must not be re-used without commercial cleaning.

WASTE CLASS

Hazardous Waste Codes: Product: 080409* ; Contaminated empty container 150110*

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700)
UN NO. ROAD	3082
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	90
ADR LABEL NO.	9
HAZCHEM CODE	•3Z
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EMS	F-A, S-F

STRONGCOAT DPM RESIN

UN NO. AIR 3082
 AIR CLASS 9
 AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING



Irritant



Dangerous for the environment

CONTAINS

BISPHENOL TYPE F EPOXY RESIN
 C13/15 ALKYLGLYCIDYL ETHER
 EPOXY RESIN (Number average MW <= 700)
 OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS
 PHENOL FORMALDEHYDE POLYMER GLYCIDYL ETHER

RISK PHRASES

R36/38 Irritating to eyes and skin.
 R43 May cause sensitisation by skin contact.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S60 This material and its container must be disposed of as hazardous waste.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
 P5 Contains epoxy constituents. See information supplied by the manufacturer.

16 OTHER INFORMATION

GENERAL INFORMATION

Technical Data Sheet

REVISION COMMENTS

Section 8: WEL update.

REVISION DATE 30/05/12

REV. NO./REPL. SDS GENERATED 10

RISK PHRASES IN FULL

R10 Flammable.
 R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 R65 Harmful: may cause lung damage if swallowed.
 R36/38 Irritating to eyes and skin.
 R36/37/38 Irritating to eyes, respiratory system and skin.
 R37 Irritating to respiratory system.
 R38 Irritating to skin.
 R61 May cause harm to the unborn child.
 R53 May cause long-term adverse effects in the aquatic environment.
 R43 May cause sensitisation by skin contact.
 R66 Repeated exposure may cause skin dryness or cracking.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R51 Toxic to aquatic organisms.
 R67 Vapours may cause drowsiness and dizziness.