

# TRADE GRADE PRODUCTS LTD

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance / preparation and company.

Product name	Tradeweld STD Epoxy
Supplier	Trade Grade Products Limited
Address	2 Thorne Way Woolsbridge Industrial Park Three Legged Cross Wimborne Dorset BH21 6FB
Emergency telephone number	01202 820177

### 2. Composition / Information on Ingredients.

<u>Material description</u>	<u>CAS No.</u>	<u>Index No.</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
Bisphenol A/F epoxide resins	40216-08-8	603-074-00-8	100	Xi, N	R36/38 R43 R51/53

### 3. Hazards Identification.

Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Eye contact	Irritating to eyes.
Environmental	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

### 4. First Aid Measures.

Inhalation	If vapour has been inhaled in high concentrations move the affected person to fresh air, keep them warm and allow to rest. If there is difficulty breathing medical attention should be sought immediately.
Skin	Remove contaminated clothing immediately. Rinse affected skin with plenty of soap and water, using a mild cleaning agent, do not use solvents. If irritation persists obtain medical attention.
Eye	Immediately flush eyes with running water for at least 15 minutes without interruption. Obtain medical attention. If irritation persists obtain medical attention.
Ingestion	<b>DO NOT INDUCE VOMITING.</b> If patient vomits turn to recovery position. Drink plenty of water (or charcoal slurry if possible). Obtain medical attention. Never make an unconscious person drink fluids.

### 5. Fire-fighting Measures.

Extinguishing media	Foam / Water fog / Dry powder / CO <sup>2</sup> / BCF. Do not use a water jet.
Explosion hazard	Burning produces noxious and toxic fumes. Carbon oxides.
Personal protection	Wear self-contained breathing apparatus and a protective suit.

**6. Accidental Release Measures.**

Personal protection	Keep away from sources of ignition – NO SMOKING. Avoid contact with skin, eyes and clothing. Do not breathe vapours / dust.
Environmental precautions	Prevent the product from entering drains, sewers or waterways. Avoid subsoil penetration.
Clean up of spillages	Absorb on to sand, sawdust or other inert material. Dispose of as hazardous waste in accordance with local regulations.

**7. Handling and Storage.**

Handling	When handling do not eat, drink or smoke. Do not breathe vapour. Avoid contact with skin and eyes. Use only in well ventilated areas. Provide adequate air exchange / exhaust in the work room. Handle and open container with care.
Storage	Keep away from food, drink and animal feeding stuffs. Keep container tightly closed. Store at room temperature in the original container.

**8. Exposure Controls / Personal Protection.**

Respiratory protection	None required providing suitable ventilation.
Hand protection	Wear plastic or rubber gloves.
Eye protection	Wear chemical goggles.
Skin protection	Overalls and enclosed footwear. Wash hands before work breaks and after work.

**9. Physical and Chemical Properties.**

Appearance	Light yellow liquid
Odour	Slight
Boiling point	> 200°C
Thermal decomposition	> 200°C
Flash point	> 200°C
Vapour pressure	< 0.001 Pa @ 20°C
Relative density	1.18 g/cm <sup>3</sup> @ 25°C
Solubility	Insoluble in water
Viscosity	6500 – 8000 mPa.s @ 25°C

**10. Stability and Reactivity.**

Conditions to avoid	Extreme cold / hot. Static discharge.
Materials to avoid	Strong acids, strong bases and strong oxidising agents.
Hazardous decomposition products	May release oxides of carbon and other toxic gases / vapours if burnt.

**11. Toxicological Information.**

LD50 Oral (rats)	> 5000 mg/Kg
Inhalation	Irritating to respiratory system.
Skin contact	Causes sensitisation. Irritating to skin.
Eye contact	Irritating to eyes.

**12. Ecological Information.**

Avoid subsoil penetration.

Do not allow product to enter drains, sewers or waterways.

Do not contaminate surface water.

**13. Disposal Consideration.**

Must be incinerated in compliance with local regulations. Waste key number 070208.

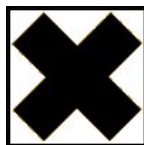
Disposal should be in accordance with the Environmental Protection (Duty of Care) Regulations 1991.

**14. Transport Information.**

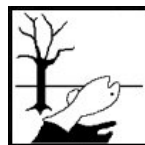
<u>Road transport</u>	ADR / RID
Class	9
Number / Letter	11C
Hazard Number	90
UN Number	3082
TREM-CARD	90UMW-94
Proper shipping name	ENVIRONMETALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S.
Additional information	BISPHENOL A / F EPOXY RESIN
<u>Marine transport</u>	IMDG
Class	Free
<u>Air transport</u>	IATA / DGR
Class	9
UN ID Number	3082
Packing group	111
Proper shipping name	ENVIRONMETALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S.
PAC	NO LIM 914
CAC	NO LIM 914
Additional information	BISPHENOL A / F EPOXY RESIN

**15. Regulatory Information.**

CHIP Label for supply



IRRITANT



DANGEROUS FOR  
THE ENVIRONMENT

Contains: Epoxy constituents.

Classification Xi and N

