

TOMPS Limited

Safety Data Sheet

1. Identification

Name of Substance or Preparation: **Water Clear Epoxy Part A**

Unique Reference Number: XDX036-24 A
Supplier: TOMPS Limited
220 New Road
Sutton Bridge
Lincolnshire
PE12 9QE
Telephone: 0845 658 6677
Fax: 0845 658 5329

2. Composition and Ingredients

Substance?	No	Substance Name:	N/A
CAS Number:	N/A	EC Index Number:	N/A
EEC Number:	N/A		

Components Contributing to Hazard Classification	% by Wt.	CAS No.	Hazard	Risk phrases
BISPHENOL A EPICHLOROHYDRIN RESIN	>20%	25068-38-6	Irritant Dangerous to the environment	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

3. Hazards Identification

CHIP Classification: IRRITANT, DANGEROUS TO THE ENVIRONMENT

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

Other Information: Not classified as flammable but will burn if involved in a fire.

4. First Aid Measures

Immediate medical attention required? Yes

Professional assistance from physician required? Yes

Inhalation: No specific measures.

Skin Contact: Remove contaminated clothing immediately. Wash contaminated area with soap and water. Use skin cream to prevent dryness. Launder contaminated clothing. If irritation persists obtain medical attention.

Eye Contact: Flush immediately with water for 10-15 minutes prising eyelids open with fingers. Seek medical attention immediately.

Ingestion: Do not induce vomiting and if conscious and alert give $\frac{1}{2}$ litre of water. Seek medical attention.

5. Fire Fighting Measures

Extinguishing Media

Suitable: Foam, dry chemical, CO₂, water mist, sand or earth.

Other Comments: Carbon monoxide may be evolved if incomplete combustion occurs.

Special Exposure Hazards: None

Special Fire Fighting Procedures: Evacuate downwind personnel.

Protective Equipment Required: Positive pressure self-contained breathing apparatus should be used.

TOMPS Limited

Safety Data Sheet

6. Accidental Release Measures

Personal Precautions	Avoid contact with skin, eyes and clothing. Wear suitable protective clothing.
Environmental Precautions	Prevent from contaminating soil or water. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers. If material enters drains, it should be pumped out into an open vessel. Emergency services may need to be called to assist in this operation.
Clean-Up Procedures	Wear full protective clothing including gloves and goggles. Cover spillage with absorbent such as sawdust, sand or earth. Sweep into sealable containers, label and remove for subsequent disposal. Scrub contaminated surfaces with detergent solution.

7. Handling and Storage

Handling	Avoid contact with skin, eyes and clothing.
Storage	Keep container tightly closed and dry. Keep away from heat. Keep away from sources of ignition.

8. Exposure Controls

Take Measures to Prevent:	Contact with skin and eyes.
Exposure Control Limits:	None established
Respiratory Protection:	Not normally required.
Hand Protection:	Wear suitable gloves.
Skin Protection:	Wear suitable protective clothing.
Eye Protection:	Wear goggles or safety glasses. Locate eyewash bottle in immediate area of work.

9. Physical and Chemical Properties

Appearance:	Mobile Liquid	Oxidising Properties:	N/A
Colour:	Water Clear	Vapour Pressure:	>0.1hPa. @ 20°C
pH:	N/A	Relative Density:	1.16-1.18 @ 20°C
Boiling Point:	N/M	Solubility in Water:	Immiscible in water
Flashpoint:	>150°C	Viscosity:	3000-8000 mPas @ 20°C
Explosive Properties:	N/A		
Key:	N/A – Not Applicable,		N/M - Not Measured

10. Stability and Reactivity

Conditions to Avoid:	Temperatures above 95°C.
Materials to Avoid:	Amines, Alcohols and bases.
Hazardous Decomposition Products:	Oxides of carbon.

TOMPS Limited

Safety Data Sheet

11. Toxicological Information

Incomplete toxicological data are available for this substance.

Acute Toxicity

Oral	LD ₅₀ 11400 mg/kg (Rat)
Dermal	LD ₅₀ > 2000 mg/kg (Rat)

Chronic Toxicity

Eye irritation	Irritant
Skin irritation	Irritant
Respiratory irritation	Not irritating
Skin sensitisation	Skin sensitiser

12. Ecological Information

Incomplete ecotoxicological data are available for this substance.

Mobility	Sinks in water
Persistence/degradability	Slightly biodegradable
Bioaccumulation	Has the potential to bioaccumulate
Acute toxicity - fish	1.5 – 1.7 mg/L, 96 hours
Acute toxicity - daphnia	1.1 – 3.6 mg/L, 96 hours
Acute toxicity - algae	200 mg/L, 96 hours

13. Disposal Considerations

Likely residues and waste products:

Recover or recycle if possible. Otherwise dispose to licensed disposal contractor, or controlled incineration.

Safe handling of residues and waste product:

Dispose of neutralised residues by controlled incineration or approved landfill in accordance with local authority regulations.

14. Transport Information

Proper Shipping Name:	Environmentally hazardous substance, liquid, N.O.S (EPOXIDE DERIVATIVES)
UN No.:	3082
ADR/VLG:	Class 9 PG III
ADNR/VBG:	Class 9 PG III
RID/VSG:	Class 9 PG III Haz. ID No. 90
IMO/IMDG:	Class 9 PG III
ICAO/IATA:	Class 9 PG III

15. Regulatory Information

Supply Label Information: Xi, N

IRRITANT. DANGEROUS FOR THE ENVIRONMENT

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:	S28	After contact with skin, wash immediately with plenty of soap and water.
	S37/39	Wear suitable gloves and eye/face protection.
	S61	Avoid release to the environment. Refer to special instructions/safety data sheet
Other:	Contains:	Bisphenol Epichlorohydrin Resin MW<=700

TOMPS Limited

Safety Data Sheet

16. Other Information

Training advice:

Please read all datasheets carefully. If any point remains unclear or if further training is required contact TOMPS Limited.

Recommended uses and restrictions:

Resin component for two-part epoxy. No other use recommended.

Further information sources:

Please refer to the Safety Data Sheet for the accompanying component for further information.

Sources of key data used to compile this SDS:

Raw material data. Occupational Exposure Limits 1997. Guidance Note EH40/98. Approved Supply List (CHIP Regs 1996).

This Safety Data Sheet has been prepared and supplied in accordance with the **Chemicals (Hazard Identification and Packaging) Regulations 1994** as amended for use by persons capable of understanding the information contained herein for the protection of the health and safety of users.

It is therefore important that this data sheet is passed to the appropriate person so that the information may be acted upon if necessary.

NOTE: This SDS has been prepared from information we believe to be reliable, however it is provided without warranty, expressed or implied, as to its correctness. Since the conditions of handling, storage, use and disposal of this material are beyond our control we accept no responsibility whatsoever for any loss, damage or expense which results from the handling, storage, use or disposal of this material.