

**Corrosive****Triton Chemical Manufacturing Co. Ltd**

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TR306

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1. PRODUCT NAME: TRIFIX ADHESIVE - HARDENER**2. COMPOSITION**

Hazardous ingredient	CAS No.	EC No.	Weight %	Symbols	Risk Phrases
Diethylene triamine	111-40-0	203-865-4	7.3	C (Corrosive)	R21/22,34,43
Triphenyl phosphite	101-02-0	202-908-4	10.3	Xi (Irritant)	R36/38
Alkylated polyamine adduct			30.6	C (Corrosive)	R21/22,34,43

3. HAZARD IDENTIFICATION**Corrosive**

Corrosive – Causes burns.
 Harmful if swallowed.
 May cause sensitisation by skin contact.

4. FIRST AID

CONTACT WITH SKIN	Wash with plenty of soap and water. If irritation persists, obtain medical advice.
CONTACT WITH EYES	Wash out with water for several minutes and seek medical advice.
INGESTION	Give plenty of water – if possible, charcoal slurry. Do not induce vomiting.
INHALATION	Remove to fresh air. If symptoms persist, seek medical advice.
OTHER INFORMATION	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Dry powder, fog or foam. For small fires use CO ₂ . DO NOT use halones.
SPECIAL PROTECTIVE EQUIPMENT	Full protective equipment. Toxic and irritant fumes may be produced.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear suitable protective clothing appropriate to the amount involved, which may include eye/face protection, PVC or synthetic rubber gloves, protective footwear, overalls
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6.ACCIDENTAL RELEASE MEASURES (contd.)

ENVIRONMENTAL PRECAUTIONS Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the appropriate authority.

CLEAN-UP PROCEDURES Absorb in dry sand or earth or similar absorbent and shovel into a suitable closed container for disposal according to item 13.

7.HANDLING AND STORAGE

HANDLING PRECAUTIONS Ensure adequate ventilation in work areas. Keep away from sources of ignition – no smoking. Do not break open the dispenser cartridge.

STORAGE INFORMATION Keep containers tightly closed in a cool place, out of direct sunlight. Keep stored well ventilated. Keep away from food and feeding stuffs.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION



Wear protective clothing, including eye protection and PVC or synthetic/rubber gloves. Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product.



EXPOSURE LIMITS None prescribed in EH40

9.PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red paste	Oxidising properties	None
Odour	Amine-like	Vapour pressure	No data
pH	>7 (in water)	Relative density	1.2 (25°C)
Boiling point	Decomposes	Bulk density	Not relevant
Melting point	Not Relevant	Viscosity	No data
Flash point	>100°C (CC)	Solubility	Partially miscible with water
Autoignition temperature	No data	Partition coefficient	No data
Explosive properties	No data	Other data	

10. STABILITY/REACTIVITY

STABILITY	Stable under normal conditions of use.
CONDITIONS TO AVOID	High Temperatures, formation of aerosols, static discharges.
MATERIALS TO AVOID	Strong oxidising agents, acids and bases.

11. TOXICOLOGICAL INFORMATION

LD₅₀ (rat, oral): > 5000mg/kg (by calculation). Eye irritation (rabbit): corrosive. Skin irritation (rabbit): corrosive.
Dermal sensitisation (guinea pig): sensitiser

12. ECOLOGICAL INFORMATION

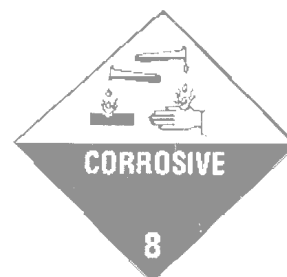
MOBILITY	Likely to be mobile in soil.
DEGRADABILITY	Readily biodegradable.
ACCUMULATION	There is little potential for bioaccumulation. Biomagnification is unlikely.
ECOTOXICITY	Toxic to aquatic organisms:

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT	Chemical residues are normally regarded as Special Waste. Incinerate in compliance with the Environmental Protection Act 1990 (Process Guidance Note IPR5/1)
DISPOSAL OF PACKAGING	As for the product.

14. TRANSPORT INFORMATION

UN NO.	2327
PROPER SHIPPING NAME	
ADR/RID	Class 8. Item 53(b)
IMCO	Class 8. IMDG Code page MFAG Table No. 320 EmS No. 8-05
IATA/IACO	Class 8
PACKING GROUP	3
LABEL	Corrosive



15. REGULATORY INFORMATION

CLASSIFICATION

Corrosive

LABEL INFORMATION

R34: Causes burns.

R22: Harmful if swallowed.

R43: May cause sensitisation by skin contact.

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.

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), THE Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.