

TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

Product name	Tradeweld Rapid Hardener
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.

Based on a tri-functional Mercaptan and tertiary amine.

<u>Material description</u>	<u>CAS No.</u>	<u>Index No.</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
2,4,6 Tris(dimethyl amino methyl)Phenol	90-72-2	202-013-9	> 10 < 20	Xn	R22 R36/38

3. Hazards Identification.

Skin contact	Irritating to skin.
Eye contact	Irritating to eyes.
Inhalation	May cause irritation on contact with respiratory tract.

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	DO NOT INDUCE VOMITING. If patient vomits turn to recovery position. Drink plenty of water. Obtain medical attention. Never make an unconscious person drink fluids.

5. Fire-fighting Measures.

Extinguishing media	Foam / Water fog / Dry powder / CO ² . Do not use a water jet.
Personal protection	Wear self-contained breathing apparatus and a protective suit.

6. Accidental Release Measures.

Spillages should be contained by and covered with sand, sawdust or other inert material. The mixture can then be placed into suitable containers and the spill area cleaned with detergent and water. 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. Store away from epoxy resins, amines and oxidising agents.

8. Exposure Controls / Personal Protection.

Exposure limits	No exposure values have been determined by a regulatory authority.
Respiratory protection	None required providing suitable ventilation. If local exhaust ventilation is inadequate a respirator fitted with an organic vapour cartridge should be worn.
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	Yellow liquid
Odour	Typical Mercaptan odour
Flash point	> 100°C
Relative density	1.13 g/cm ³ @ 20°C
Viscosity	Dynamic 130 poise @ 25C

10. Stability and Reactivity.

Thermal decomposition	Not determined.
Hazardous reactions	Avoid contact with oxidising agents and amines.
Hazardous decomposition products	May release oxides of carbon, sulphur and nitrogen.

11. Toxicological Information.

LD50 Oral (rats)	> 2000 mg/Kg
Skin irritation	4.8 (Range = 0 – 8)

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.

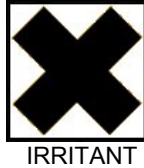
Disposal should be in accordance with the Environmental Protection (Duty of Care) Regulations 1991.

14. Transport Information.

This product is not classified as dangerous for transport purposes.

15. Regulatory Information.

CHIP Label for supply



Contains: ca. 11% 2,4,6 Tris(dimethyl amino methyl)Phenol.

Classification	Xi	
CHIP Risk phrases	R36/38 R43 R51/53	Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CHIP Safety phrases	S24 S28 S29 S37/39	Avoid contact with skin. After contact with skin wash immediately with plenty of soap and water. Do not empty into drains. Wear suitable gloves and eye / face protection.
Hazardous ingredients	This product only contains substances that are registered on the EINECS and TSCA inventories.	
Regulatory references	CHIP Regulations 1996 Health and Safety at Work Act 1996 COSHH Regulations 1994	

16. Other Information.

Other information This adhesive should be used in accordance with the supplier's recommendations.

The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.