

MZ3 Pty Ltd

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME

HARDENER
ZT-50

OTHER NAMES: Formaldehyde Free Hardener

| | |
|------------------|-----|
| UN Number: | n/a |
| Class: | n/a |
| Subsidiary Risk: | n/a |
| Packaging Group: | n/a |
| EPG: | n/a |
| Hazchem Code: | n/a |
| Poison Schedule: | n/a |

Non-Hazardous according to criteria of Worksafe Australia

PRODUCT CODE: n/a

USES: Hardener component of two part timber adhesive. Used with Resobond Polymers.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale yellow liquid

BOILING POINT: 100°C

VAPOUR PRESSURE: 17mmHg

SPECIFIC GRAVITY: 1.2

FLASH POINT: None

% VOLATILES: 50

MELTING POINT: No data available

VAPOUR DENSITY: Not pertinent

SOLUBILITY (WATER): Soluble

EXPLOSION LIMITS: None

pH: Not pertinent

INGREDIENTS

5-Hydroxymethyl-1-aza-3,7-

dioxabicyclo(3,3,0) octane

Wheat flour

1401-18-5

n/a

30-60%

10-30%

HEALTH HAZARD INFORMATION

ACUTE:

INGESTION

Irritating. May cause abdominal discomfort, pain and nausea.

EYE

Irritating.

SKIN

Irritating. Contact with the product may defat the skin and contribute to dermatitis.

INHALATION

The product has relatively low volatility and does not evolve significant levels of vapour in air.

Health Hazard Information continued

CHRONIC

Ingestion are the routes of entry into the body. The product defats the skin and prolonged or repeated contact may contribute to dermatitis.

ADVICE TO DOCTOR

Treat symptomatically.

FIRST AID PROCEDURES

INGESTION

NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING.

If person is conscious, rinse mouth out with water ensuring that mouth wash is not swallowed.

Give about 250mL (2 glasses) of water to drink. **DO NOT** attempt to induce vomiting.

Seek medical attention.

EYE

Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least fifteen minutes. Seek medical attention.

SKIN

Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists. Launder affected clothing before re-use.

INHALATION

Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped.

Seek medical attention if any symptoms persist.

PRECAUTIONS FOR USE

ENGINEERING CONTROL

Ventilation requirements depend on the quantity of product in use and the method of application.

Work area should have good, mechanical ventilation. In confined spaces or poorly ventilated areas local exhaust ventilation may be required.

PERSONAL PROTECTION

Safety glasses or goggles, neoprene gloves and overalls. A half face respirator with organic vapour filter is required unless the area is well ventilated. **N.B. TAKE THE LIMITS OF ABSORPTION CAPACITY INTO ACCOUNT. CHANGE FILTERS REGULARLY.**

FLAMMABILITY

Non-flammable. May evolve toxic fumes if heated to decomposition or burned in a fire situation.

EXPOSURE STANDARDS

No exposure has been established for the product or its ingredients.

SAFE HANDLING PROCEDURES**STORAGE**

Transport is not regulated. Store out of direct sunlight in a cool well ventilated area below 25°C.
Keep tightly sealed when not in use and protect against physical damage.

SPILLS & DISPOSAL

SPILLS: Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect.

Dispose of residue to approved land-fill.

DISPOSAL: If possible, return to supplier. Otherwise, dispose to approved land-fill.

FIRE EXPLOSION

Non-flammable. May evolve toxic fumes if heated to decomposition or burned in a fire situation.

Wear self contained breathing apparatus. Extinguish using whatever is suitable for the primary cause of the fire.

OTHER INFORMATION

N/A

CONTACT POINT

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