U-BOND Adhesive Part B

SAFETY DATA SHEET

Manufacturer:	**U RESIN**	
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Website	www.uresinindustrial.com.au	
Poisons Information Centre	13 11 26	

Section 2 – Hazards Identification

WARNING

Hazard Statements

Acute toxicity, Oral ,Category 4	H332: Harmful if swallowed or inhaled
Skin corrosion/irritation, Category 1B	H315: Causes severe skin burns
Serious eye damage, Category 1	H318: Causes serious eye damage
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the unborn child.
Acute aquatic toxicity Category 1	
Chronic aquatic toxicity, Category 1	

Precautionary Statements

Prevention

P261 Do not breathe mists or vapours
P273 Avoid release to the environment
P264 Wash hands and exposed skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/eye protection/face protection See Section 8

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P305 + P313 + P351 + P337 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poisons Centre / Doctor
P333 + P361+P353+P310: If on skin or hair, immediately take off all contaminated clothing. Rinse skin with water / shower. Immediately call a doctor or Poisons Information Centre.
P370 + P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction

Storage

P403 + P235 Store in a well-ventilated place.

Disposal

P501 Dispose of contents/container to approved landfill

Section 3 - Composition/Information on Ingredients

Ingredient(s)	CAS-number	%wt
Fatty acids, tall oil, reaction products with tetraethylenepentamine	68953-36-6	<65%
3,6,9-Triazaundecamethylene Diamine	112-57-2	<15%
Fumed Silica	112954-52-5	<5%
Talc	14807-96-6	<25%

Section 4 – First Aid Measures

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Ingestion:
NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouthwash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre (phone e.g. Australia 13 11 26; New Zealand 0800 764 766).
Inhalation:
First aid is unlikely to be required as a result of normal use of this product but if necessary, 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 for all but the most minor cases of over-exposure.
Eye Contact:
If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention. Continue flushing until advised to stop by the Poisons Information Centre or a doctor or for at least 15 minutes. Transport to a hospital or doctor without delay.
Skin Contact:
Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone, if soap is unavailable. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.
Additional Information:
Equipment: *An eyewash bottle with pure water should be available.*
Advice to Doctor: *Treat symptomatically.*
Entry Route(s): *Ingestion, inhalation, eye and skin contact.*

Section 5 – Fire Fighting Measures

Combustible. Heating may cause expansion or decomposition leading to rupture of drums. If heated to decomposition or burned, may evolve acrid smoke, carbon dioxide, aldehydes and other pyrolysis products.

In case of fire, evacuate personnel to safe areas. Avoid breathing vapours or fumes. Responders must be made aware of the nature of the hazard and must wear self-contained breathing apparatus. If safe to do so, move undamaged containers from fire area. Undamaged and sealed containers may be kept cool by spraying with water but direct contact with water should be avoided.

Do not use high volume water jets. Extinguish using carbon dioxide; dry chemical; protein-based foam; or alcohol-resistant foam. Prevent, by any means possible, runoff from entering drains or water courses.

Section 6 – Accidental Release Measures

Avoid any contact. Keep upwind of spill. Ventilate area. Use appropriate personal protective equipment (refer to Section 8 - Exposure Controls / Personal Protection).
Contain liquid to prevent contamination of soil, surface water or ground water. Prevent from entering, sewers or drains. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect in drums. Move drums to a well-ventilated area until disposed to an approved recycler, reclaimer, incinerator, or to approved land-fill.

Section 7 – Handling and Storage

Storage:
Store in a cool, area with adequate ventilation. Keep containers tightly closed when not in use. Avoid contact with strong acids or bases and oxidising agents such as liquid or powdered chlorine. Protect containers against physical damage. Class 8 Corrosives should not be stored or transported with goods of: Class 1 (Explosives), Class 4.3 (Dangerous When Wet Substances), Class 5.1 (Oxidising Agents), Class 5.2 (Organic Peroxides), Class 6 (Poisonous (toxic) substances, where the poisonous substances are cyanides and the corrosives are acids), Class 7 (Radioactive Substances) and foodstuff and foodstuff empties.
Handling:
Use only with adequate ventilation. Provide general and / or local exhaust ventilation. Keep equipment clean. Use disposable containers and tools where possible. Do not eat, drink or smoke while using this product.
For Personal Protective Equipment (PPE), see Section 8.

Section 8 – Exposure Controls/Personal Protection

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Exposure standards: Exposure standards have not been allocated to this product or any of its ingredients.
Exposure standards represent airborne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health nor cause undue discomfort to nearly all workers. Exposure standard may be a time-weighted average (TWA), a short-term exposure limit (STEL) or a peak level.

Engineering Controls:
Use in well-ventilated areas. No further engineering controls are required.

Personal Protection:
Requirements are dependent on working conditions, quantity of product in use and method of application. For minor use: safety goggles and gloves are sufficient. If large quantities are in use: chemical resistant safety goggles (neoprene or butyl rubber) gloves or gauntlets and overalls.
If using large quantities or in poorly ventilated areas, a cartridge respirator with an organic vapour cartridge may be required.

Section 9 – Physical and Chemical Properties

Appearance: Paste
Odour: Irritating
Colour: Brown
Specific gravity: 0.95
Boiling Point: >200°C
Solubility in Water: No data available
Vapour Pressure: Negligible
Vapour density (Air = 1): No data available
Flash Point: >195°C (Closed Cup)
Explosive limits (% By Volume in Air): Not available

Section 10 – Stability and Reactivity

Stability: Stable under recommended storage and handling conditions. Combustible.
Hazardous Decomposition Products: Emits toxic fumes including oxides of carbon and incompletely combusted organic compounds if heated to decomposition or burned.
Hazardous polymerisation: Product will not polymerise.
Incompatibilities: The product may react with strong oxidising agents such as liquid or powdered chlorine, strong acids and bases.
Conditions to Avoid: Excessive heat and incompatible materials

Section 11 – Toxicological Information

Symptoms of Exposure:
Swallowed. Severely irritating. Ingestion may cause abdominal spasm, nausea and vomiting as well as symptoms similar to those for inhalation.
Eye: Severely irritating / burns. May cause irreversible eye damage
Skin: Severe irritation / burns.
Inhaled: Unlikely to pose a hazard in normal use but if generated and inhaled, vapours or mists would be severely irritating to the eyes, nose and throat.
Chronic Health Effects
Contact with the liquid may result in skin sensitisation
Toxicological Information
Acute Toxicity Data:
Ingredients

LD50 Oral - Rat - male and female –
2,000mg/kg
LD50 Oral – Rabbit
– 8,550mg/kg
Result: Causes burns
Serious eye damage/eye irritation

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Section 12 – Ecological Information

Ecotoxity:
Toxic to the aquatic environment with long lasting effects.
Mobility: Persistence / Degradability: According to the results of tests of biodegradability this product is not readily biodegradable.
Potential to Bio accumulate: Not expected to bio accumulate

Section 13 – Disposal Considerations

Do not allow into any sewers, drains, on the ground or into any body of water. Any disposal must be accordance with applicable State, Territory and/or Local government regulations. Dispose by controlled incineration or to an approved landfill site.

Section 14 – Transport Information

This product is a Class 6.1 Toxic Liquid according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code).

UN Number:	2810
Proper shipping name:	TOXIC LIQUID, ORGANIC N.O.S. (PHENOL, TETRAETHYLPENTAMINE)
DG Class:	6.1
Packing group:	III
Emergency Information	HB 76 Guide 36
Limited Quantity:	5L When part B total is less than 5L then this product is NOT classified as Dangerous Goods for Transport by Road or Rail.

Section 15 – Regulatory Information

Product is a schedule 5 Poison according to the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16 – Other Information

REFERENCES

1. List of Designated Hazardous Substances [NOHSC: 10005 (1999)]
2. Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals, 2016
3. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)] and subsequent amendments
4. AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices.
5. AS/NZS 1716 - Respiratory protective devices.
6. Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), Edition, 7.5, 2017.
7. International Maritime Dangerous Goods Code (IMDG), and current amendments
8. Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) No. 18, October 2017

ABBREVIATIONS

LC50	Lethal dose for 50% of test population, by inhalation.
LDLo	Lowest documented lethal dose
LD50	Lethal dose for 50% of test population, by ingestion or skin contact
TDLo	Lowest published toxic dose

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