



Material Safety Data Sheet

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Issue date: August, 2016

Polyurethane Coat & TOP

Coat (Clear & Tinted)

Two Pack – Part B (Hardener).

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier: AA SPECIALISED SOLUTIONS
ABN 13 501 718 284
Warehouse:- Beaudesert Rd, Archerfield, QLD 4108
Office:- Hillcrest, Qld, 4118
Tel: +61 7 3800 7040
Emergency Telephone : 0411 567 083
Email: aaaute@hotmail.com

Product Name: Polyurethane Coat & Polyurethane TOP Coat **Part B**

Use: Water based **Hardener** component for two pack PU Clear Coating

Not classed as Hazardous for transport.

UN Number:

Proper Shipping Name: Not restricted

Dangerous Goods Class:

Packing Group:

Hazchem Code:

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components CAS Number Polyfunctional Aziridine Crosslinker 64265-57-2 (60 – 100%)
Propylene-imine 75-55-8 (0.01 – 0%)

Chemical Family Polyfunctional Aziridine Crosslinker

3. HAZARD IDENTIFICATION

Hazard classification: **Xn Harmful** – R41 Risk of serious damage to eyes. R38 – Irritating to skin. R43 - May cause sensitisation by skin contact. R68 – Possible risk of irreversible effects. R-- - Exposure to high concentrations of mist may cause allergenic effects of the respiratory tract. Handle with caution because product can be very harmful if ingested. Contains high level of Polyfunctional Aziridine.

Safety : Store container in a well ventilated place. Avoid extended exposure and read instructions before use. If spilled in eyes, rinse with plenty of water and contact doctor.

4. FIRST AID MEASURES

Inhalation: . Remove patient from exposure keep warm and at rest. Seek medical attention if ill effects occur. Inhalation of vapors in high concentration may cause irritation of respiratory system.

Skin Contact: Immediately remove contaminated clothing & any extraneous chemical. Wash affected skin with soap and water. Seek medical care.

Eye Contact: Hold eyelids apart & gently & continuously irrigate the eye with eyewash solution or clean water for up to 10 minutes. Seek medical care. Continue irrigation until medical attention can be obtained



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Ingestion: If ingested, wash out mouth with water. If a person vomits when lying on his back, place him in the recovery position. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek medical care

5. FIRE-FIGHTING MEASURES

Not classed as flammable. If involved in a fire, it may emit noxious and toxic fumes.

Extinguishing Media Alcohol-resistant foam. Carbon dioxide (CO₂). Dry Chemical.
Water spray. Water may be used to cool closed containers to prevent pressure build up.

Unusual Fire Hazards Material in itself is normally stable, but can become unstable at elevated temperatures & pressures. Avoid contact with skin. A face shield should be worn. Use personal protective equipment & self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Materials cleanup Evacuate the area. Absorb spillages in sand, earth or any suitable absorbent material. Transfer to a container for disposal. Small spillages: wash with 5% acetic acid. Disposal should be effected by an approved waste disposal organisation according to local regulations.

Personal precautions: Never allow any of this product to enter drains, sewers or waterways
In case of insufficient ventilation, wear suitable respiratory equipment. Wear face shield with goggles, rubber gloves & protective clothing with long sleeves & trousers no possibility of absorption when handling.

Environmental precaution: Do not release to the environment. If substance has entered a water course or sewer or been spilt on soil or vegetation, advise police.

7. HANDLING AND STORAGE

Handling: Use only in well ventilated areas or use suitable respiratory equipment. Do not breathe in vapor/spray. Avoid contact with skin (clothing that covers arms, legs & torso) and eyes (wear safety glasses). Wash hands with soap & water. Should be handled in such a way that there is no possibility of absorption or personal contact to anyone handling the product. Remove & wash contaminated clothing before re-use. Discard contaminated shoes.

Storage: Store in a cool dry place and out of direct sunlight. Keep containers tightly closed when not in use. Keep out of reach of children. Don't puncture containers or expose product to moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure & respiratory protection: same as for handling & storage.

Hygiene Measures Do not store or consume food or drink in area where they may become contaminated with this material.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Colour/ Odor/ Form: Colourless Liquid
Water Solubility: not available
Boiling Point: unknown.
Flash Point: >100 °C Seta flash cc.
Oxidizing Properties: Not available. **pH:** 10.5.
Melting point: -30 °C.

10. STABILITY AND REACTIVITY

STABILITY: Stable in original sealed containers in cool dry conditions but can become unstable at elevated temperatures & pressured. Hydrolyses with water with some release of energy, but not violently.

Materials to avoid: Acidic materials, anhydrides, strong oxidizers.

Hazardous decomposition Products : None known.

11. TOXICOLOGICAL INFORMATION

Personal contact: Risk of serious damage to eyes. May cause permanent damage if eye is not immediately irrigated. Irritating to skin. May cause sensitization by skin contact. Possible risk of irreversible effects. Ingestion may cause irritation to gastrointestinal tract. Exposure to high concentrations of mist may cause allergenic effects of the respiratory tract. Handle with caution because product can be very harmful if ingested.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Untreated material should not be released to the environment. WGK 2: Hazardous to water. Make sure this product is well contain so it can't get into waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal: Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION - CFR / IATA / IMDG / CTC

Not classified as Hazardous for Transport

UN Number:

Proper Shipping Name: not restricted

Dangerous Goods Class:

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Transport Information: Harmful to aquatic organisms; may cause long term effects in the aquatic environment (R52/53) Irritating to skin (R38) Risk of serious damage to eyes (R41).
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26). Wear eye/face protection (S39). Avoid release to the environment.

15. REGULATORY INFORMATION

Classified: Xn Harmful contains Polyfunctiona Aziridine EC nr. 264763-3

Risk Phrase: R38 Irritating to eyes and skin. R41 Risk of serious eye damage.
R43 May cause sensitization by skin contact. R68 Possible risk of irreversible effects.

Safety Phrase: S26 If contact with eyes occurs, rinse immediately with water and contact a doctor or Poisons Information Centre. S28: After contact with skin, wash immediately with plenty of soap & water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S42: During fumigation/spraying wear suitable respiratory equipment.

16. OTHER INFORMATION

Sources for data: Suppliers MSDS for component ingredients
The customer is advised to consult the product Technical Data Sheet for further information including advice on suitable equipment.

Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact **AA Specialised Solutions**. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.