

ULTRA METALLIC

Material Safety Data Sheet (Part A)

1. Identification

1.1 MSDS Name: ULTRA METALLIC Part A

1.2 Recommended Use: Flooring

1.3 Supplier/Manufacturer:

Ultrakote Australia Pty Ltd

6 Giffard Street Silverwater NSW 2128

1.5 For information, call: 1300 51 51 50

For 24-hour emergency, call: +61 405 702 952

2. Composition/Information on Ingredients

| Component | CAS Number | Concentration |
|---|-------------|---------------|
| Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane | 1675-54-3 | 80 - 90% |
| Barium Sulphate | 25068-38-6 | 20 - 50% |
| BPF Liquid Epoxy Resin | 009003-36-5 | 1 - 5% |
| Alky Glycidyl Ether | 25068-38-6 | 1 - 20% |
| Benzoyl Alcohol | 100-51-6 | 1 - 10% |

3. Hazards Identification

Primary Route(s) of Entry:

- Skin contact

Potential Health Effects:

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- **Acute Inhalation:** Vapors generated at high temperatures may cause headache, nausea, dizziness, and respiratory irritation.
- **Chronic Inhalation:** Repeated exposure to high concentrations may cause respiratory issues in individuals with pre-existing lung allergies.
- **Acute Skin Contact:** May cause moderate irritation such as redness and itching. Possible allergic skin response in some individuals.
- **Chronic Skin Contact:** May cause moderate irritation and sensitization in susceptible individuals.
- **Eye Contact:** May cause irritation.
- **Ingestion:** Low acute oral toxicity.

Symptoms of Overexposure:

- Possible sensitization, allergic reactions (redness, rashes).
- Repeated exposure is not likely to cause other adverse health effects.

Medical Conditions Aggravated by Exposure:

- Pre-existing skin and respiratory conditions may be aggravated.
- Individuals with lung and skin allergies may develop allergic reactions.

4. First Aid Measures

| Exposure Type | First Aid Measures |
|---------------|--|
| Inhalation | Move to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist. |
| Skin Contact | Flush with water and soap. Remove contaminated clothing. Seek medical attention if irritation persists. |
| Eye Contact | Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if possible. Seek medical attention if discomfort persists. |

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Exposure Type

First Aid Measures

Ingestion

Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person. Rinse mouth and seek medical attention.

5. Firefighting Measures

- **Flammability Overview:** Considered a low flammability risk.
 - **Flash Point:** 260°C (500°F)
 - **Extinguishing Media:** Alcohol-resistant foam, dry chemical, carbon dioxide.
 - **Special Protective Equipment for Firefighters:** Self-contained breathing apparatus (SCBA) required for large fires.
 - **Hazardous Combustion Products:** Carbon oxides.
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6. Accidental Release Measures

- **Spill or Leak Procedures:** Soak up with absorbent material or scrape up. Use non-flammable solvent sparingly for residue removal. Follow safety precautions.
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7. Handling and Storage

- **Safe Handling:**
 - Use personal protective equipment.
 - Avoid breathing vapors or mist.
 - Ensure adequate ventilation.
 - **Safe Storage:**
 - Keep containers tightly closed in a dry, well-ventilated area.
 - Store away from incompatible materials.
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8. Exposure Controls/Personal Protection

- **Personal Protective Equipment (PPE):**
 - **Eye Protection:** Safety glasses or tightly fitting safety goggles.
 - **Hand Protection:** Chemical-resistant gloves (inspect before use).
 - **Skin Protection:** Wear protective clothing, long sleeves, chemical apron. Safety showers should be available.
 - **Respiratory Protection:** Ensure adequate ventilation. If needed, use a full-face respirator with appropriate cartridges.
- **General Controls:**
 - Ensure proper ventilation and availability of eye wash stations and safety showers.

9. Physical and Chemical Properties

| Property | Value |
|------------------------|--------------------------------|
| Physical State | Liquid |
| Colour | Coloured |
| Odor | Slight |
| Boiling Point | >280°C (536°F) |
| Flash Point | >260°C (500°F) |
| Vapor Pressure (@20°C) | <0.1 mmHg |
| Specific Gravity | 1.16 g/cm ³ (@20°C) |
| Density | 9.66 lbs/gal |
| Solubility in Water | Negligible |
| Viscosity | 10,000-14,000 mPa.s (@25°C) |

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10. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions.
 - **Hazardous Decomposition Products:** Carbon oxides.
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11. Toxicological Information

- **Inhalation:** May be harmful if inhaled.
 - **Skin Contact:** May cause irritation and possible allergic reaction.
 - **Eye Contact:** Causes eye irritation.
 - **Ingestion:** May be irritating to the mouth, throat, and stomach.
 - **Signs of Exposure:** Irritation, redness, allergic reaction.
 - **Carcinogenicity:** No known significant effects.
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12. Ecological Information

- **Persistence & Degradability:** Log Kow = 2.821
 - **Bioaccumulation Potential:** BCF = 0.56 - 0.67
 - **Harmful to aquatic life**
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13. Disposal Considerations

- **Disposal:** Follow local and national regulations. Avoid disposing in sewers, on the ground, or in water bodies. Recycle waste packaging where possible.
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14. Transport Information

- **DOT Information:** Not regulated by IMO/IMDG.
- **Proper Shipping Name:** N/A
- **UN Number:** N/A
- **Hazard Class:** N/A

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- **Packing Group:** N/A
 - **Packaging Methods:** Securely sealed glass bottles, plastic or metal barrels.
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15. Regulatory Information

- **US Federal Regulations:**
 - SARA 302 Components: None listed
 - SARA 311/312 Hazards: Acute Health Hazard
 - TSCA Inventory: All components listed or exempted.
 - **European Union Regulations:**
 - EC Inventory: All components listed or exempted.
 - **State Regulations:**
 - CA Prop 65: No known components listed.
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