

# U-POL™

## SAFETY DATA SHEET SILVER BASECOAT FINE

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Issued: 05/12/2007  
Revision No: 1

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** SILVER BASECOAT FINE

**Product code:** S20620

**Synonyms:** S20620, S20621, S20622

**Use of substance / preparation:** PAINT PRODUCT CONTAINING MIXTURE OF SOLVENTS

**Company name:** U-Pol Products

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### 2. HAZARDS IDENTIFICATION

**Main hazards:** Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** N-BUTYL ACETATE 50-70%

EINECS: 204-658-1 CAS: 123-86-4

[-] R10; [-] R66; [-] R67

- XYLENE 1-10%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

- BUTAN-1-OL 1-10%

EINECS: 200-751-6 CAS: 71-36-3

[-] R10; [Xn] R22; [Xi] R37/38; [Xi] R41; [-] R67

[cont...]

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- ETHYLBENZENE 1-10%  
EINECS: 202-849-4 CAS: 100-41-4  
[F] R11; [Xn] R20

**4. FIRST AID MEASURES (SYMPTOMS)**

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and pain.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4. FIRST AID MEASURES (ACTION)**

- Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol or polymer foam. Do not use water.
- Exposure hazards:** Flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
- Protection of fire-fighters:** Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Refer to section 8 of SDS for personal protection details.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

**7. HANDLING AND STORAGE**

- Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden.
- Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.
- Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Workplace exposure limits**
- WEL (8 hr exposure limit):** 50 ppm
- WEL (15 min exposure limit):** 100 ppm
- Respirable dust**
- WEL (8 hr exposure limit):** 1 mg/m<sup>3</sup>

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SILVER BASECOAT FINE**Hazardous ingredients:** N-BUTYL ACETATEWEL (8 hr exposure limit): 724 mg/m<sup>3</sup> WEL (15 min exposure limit): 966 mg/m<sup>3</sup>

## • XYLENE

WEL (8 hr exposure limit): 220 mg/m<sup>3</sup> WEL (15 min exposure limit): 441 mg/m<sup>3</sup>

## • BUTAN-1-OL

WEL (8 hr exposure limit): 310 mg/m<sup>3</sup> WEL (15 min exposure limit): 154 mg/m<sup>3</sup>

## • ETHYLBENZENE

WEL (8 hr exposure limit): 441 mg/m<sup>3</sup> WEL (15 min exposure limit): 552 mg/m<sup>3</sup>**Engineering measures:** Ensure there is sufficient ventilation of the area.**Respiratory protection:** Compressed airline breathing apparatus (EN139).**Hand protection:** Nitrile gloves.**Eye protection:** Face-shield.**Skin protection:** Protective clothing with elasticated cuffs and closed neck.**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Silver**Odour:** Aromatic**Evaporation rate:** Moderate**Oxidising:** Non-oxidising (by EC criteria)**Solubility in water:** Insoluble**Also soluble in:** Most organic solvents.**Viscosity:** Viscous**Viscosity value:** 500 cps**Flammability limits %: lower:** 1.7**upper:** 7.6**Flash point°C:** 27**Autoflammability°C:** 370**Relative density:** 0.94**VOC g/l:** 750**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat. Sources of ignition.**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** N-BUTYL ACETATE

ORL MUS LD50 6 gm/kg

ORL RAT LD50 10768 mg/kg

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- XYLENE  
 ORL MUS LD50 2119 mg/kg  
 ORL RAT LD50 4300 mg/kg  
 SCU RAT LD50 1700 mg/kg
- BUTAN-1-OL  
 IVN RAT LD50 310 mg/kg  
 ORL MUS LD50 2680 mg/kg  
 ORL RAT LD50 790 mg/kg
- ETHYLBENZENE  
 IPR MUS LD50 2624 µl/kg  
 ORL RAT LD50 3500 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Volatile. Heavier than water.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** D10 Incineration on land.  
 R1 Solvent reclamation/regeneration.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

**ADR / RID**

<b>UN no:</b> 1263	<b>ADR Class:</b> 3
<b>Packing group:</b> III	<b>Classification code:</b> F1
<b>Shipping name:</b> PAINT RELATED MATERIAL	
<b>Labelling:</b> 3	<b>Hazard ID no:</b> 30



**IMDG / IMO**

<b>UN no:</b> 1263	<b>Class:</b> 3
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**SAFETY DATA SHEET**  
SILVER BASECOAT FINE**Packing group:** III**EmS:** F-E,S-E**Marine pollutant:** .**Labelling:** 3**IATA / ICAO****UN no:** 1263**Class:** 3**Packing group:** III**Packing instructions:** 309(P&CA); 310(CAO)**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Risk phrases:** R10: Flammable.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

US VOC CONVERSION FACTOR 250 g/l = 2.1 lb/gal

**16. OTHER INFORMATION****Other information:** This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

FOR PROFESSIONAL USE ONLY. Read full instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your local stockist or via the U-POL website at [WWW.U-POL.COM](http://WWW.U-POL.COM).

U-POL disclaim any liability where the user does not wear the recommended personal protective equipment.

**Risk phrases used in s.3:** R10: Flammable.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

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R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R22: Harmful if swallowed.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R11: Highly flammable.

R20: Harmful by inhalation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Addition of reducers, hardeners and other additives over and above U-POL's recommendations for use, may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, this company shall not be held liable for any damage resulting from handling or from contact with the above product.