

U-POL™

SAFETY DATA SHEET

GRAVITEX

Page 1

Issued: 03/01/2005

Revision No: 7

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

Product name: GRAVITEX

Product code: GTEX

Use / description of product: STONE CHIP PROTECTOR PAINT PRODUCT CONTAINING MIXTURE OF SOLVENTS

Company name: U-Pol Products
Denington Industrial Estate
Denington Road
Wellingborough
Northants
NN8 2QP
United Kingdom
Tel: 44-(0)-1933 230300
Fax: 44-(0)-1933 230351
Emergency tel: 44-(0)-1933 230310

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: XYLENE 30-50%
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38

- CARBON BLACK 1-10%
- CALCIUM CARBONATE 10-30%
- MAGNESIUM SILICATE 1-10%
- CALCIUM MAGNESIUM CARBONATE 1-10%
- DIATOMACEOUS EARTH 1-10%
- CHINA CLAY 1-10%

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation and in contact with skin. Irritating to skin.

Other hazards: May cause fire. May cause sensitisation by skin contact.

[cont...]

SAFETY DATA SHEET

GRAVITEX

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.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- 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:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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.

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/m³

Hazardous ingredients: XYLENETWA 220 mg/m³ STEL 441 mg/m³

- Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

SAFETY DATA SHEET

GRAVITEX

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:** Black, grey or white**Odour:** Characteristic odour**Evaporation rate:** Slow**Solubility in water:** Insoluble**Also soluble in:** Most organic solvents.**Viscosity:** Viscous**Viscosity value:** 450 cps**Flammability limits %: lower:** 1.0**upper:** 6.6**Flash point°C:** 24**Autoflammability°C:** 490**Relative density:** 1.2**VOC g/l:** 525**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:** XYLENE

ORL MUS LD50 2119 mg/kg

ORL RAT LD50 4300 mg/kg

SCU RAT LD50 1700 mg/kg

Chronic toxicity: May cause sensitisation by skin contact.**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Heavier than water.**Persistence and degradability:** Not biodegradable.**Bioaccumulative potential:** No data available.**Other adverse effects:** Very toxic to aquatic organisms.

SAFETY DATA SHEET

GRAVITEX

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****UN no:** 1263**ADR Class:** 3**Packing group:** III**Classification code:** F1**Shipping name:** PAINT**Labelling:** 3**Hazard ID no:** 30**IMDG / IMO****UN no:** 1263**Class:** 3**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:** Harmful.**Risk phrases:** R10: Flammable.

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

R38: Irritating to skin.

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

S23: Do not breathe vapour/spray

S36/37: Wear suitable protective clothing and gloves.

S51: Use only in well-ventilated areas.

SAFETY DATA SHEET

GRAVITEX

VbF: AII

Water hazard class: 1

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.

16. OTHER INFORMATION

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

Risk phrases used in s.2: R10: Flammable.

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

R38: Irritating to skin.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.