

U-POL

PRODUCTS

PRODUCT SAFETY DATA SHEET

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COMMERCIAL PRODUCT NAME: UPOL "ACID 8" (NON AEROSOL)

PREPARATION: PAINT PRODUCT CONTAINING MIXTURE OF SOLVENTS

ADDRESS: Denington Industrial Estate,
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COMPOSITION/INFORMATION ON INGREDIENTS *

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>LEVEL</u>	<u>SYMBOL</u>	<u>RISK</u>
XYLENE	1330-20-7	10 - 25%	Xn - Harmful	R10 R20/21 R38
ISOPROPANOL	67-63-0	0 - 5%	F - Highly Flammable	R11
BUTANOL	71-36-3	5 - 10%	Xn - Harmful	R10 R20

HAZARDS IDENTIFICATION

INHALATION: May cause drowsiness and irritation of respiratory tract.

SKIN: May cause irritation on prolonged contact, which can lead to dermatitis.

EYES: Irritation and soreness.

INGESTION: Sore throat, stomachache, nausea, but unlikely to be ingested.

FIRST AID MEASURES

INHALATION: Move affected person to the fresh air without delay. If drowsiness persists seek medical attention.

SKIN CONTACT: Wash affected area with warm soapy water. Do not use solvents.

EYE CONTACT: Irrigate with copious quantities of water and seek medical attention immediately.

INGESTION: Do not induce vomiting, drink plenty of water and seek medical attention.

FIRE FIGHTING MEASURES

Fight fires with CO₂, dry powder, or chemical foam. Do not use water jets. Burning material emits toxic fumes and smoke, so avoid inhalation of burning products.

ACCIDENTAL RELEASE MEASURES

The product will readily flow. Contain and collect any spillage with sand or earth. Keep product away from drains. Avoid sources of ignition. Dispose of in accordance with the requirements of the Environmental Protection Act.

HANDLING AND STORAGE

HANDLING: Keep away from heat. Keep away from sources of ignition. Avoid contact with skin and eyes. Use only in well ventilated areas, and for extensive spraying, in a suitable booth.

STORAGE: Store below 25°C in a dry well ventilated space in original containers. Keep away from sources of heat.

EXPOSURE CONTROLS/PERSONAL PROTECTION

A good standard of personal and industrial hygiene should be maintained at all times. Persons who suffer from skin complaints or other allergic effects should not work with the product.

OEL (UK)	Component	8 HR TWA	15 mins STEL
	Xylene	100 ppm	150 ppm
	Isopropanol	400 ppm	500 ppm
	Butanol	100 ppm	150 ppm

EYE PROTECTION: Not necessary.

PROTECTIVE CLOTHING: Recommended.

RESPIRATORY PROTECTION: Suitable respiratory protection necessary, when spraying in areas of poor ventilation.

SKIN PROTECTION: Barrier cream recommended.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale grey liquid.

ODOUR: Characteristic.

DENSITY: Approx. 1.05.

FLASH POINT: Above 21°C.

AUTO FLAMMABILITY TEMPERATURE: 490°C (Xylene).

EXPLOSIVE LIMITS: Lower 1.0%. Upper 6.6% (Xylene).

VOLATILE CONTENT: Approx. 65%.

SOLUBILITY: Immiscible with water.

VISCOSITY: Approx. 1500 cp.

STABILITY AND REACTIVITY

Stable under normal conditions. Avoid naked flames. Heat increase may be sufficient to raise the temperature above the product flash point. Thermal decomposition can give rise to acrid fumes.

TOXICOLOGICAL INFORMATION

For Xylene, the following values have been reported:-

An oral LD50 in rats of 4.3g/Kg.
LC50 in rats of 5000 ppm/4 hours.

For Isopropanol, the following values have been reported:-

An oral LD50 in rats of 5045mg/Kg.

For Butanol, the following values have been reported:-

An oral LD50 in rats of 6480mg/Kg.

ECOLOGICAL INFORMATION

Marine pollutant and non biodegradable.

Paints are low viscosity compositions which lose solvents by evaporation, leaving a relatively inert residue which will not degrade significantly.

DISPOSAL CONSIDERATIONS

The material and any contaminated container should be disposed of in accordance with the Environmental Protection Act.

TRANSPORT INFORMATION

SHIPPING NAME: PAINT.

UNITED NATION NO: UN 1263.

CLASS NO: 3.3.

HARMONISED SYSTEMS NO: 320890 91 5.

PACKING GROUP: III.

Complies with The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations.

For current International Maritime Dangerous Goods Declaration, please contact our Export Department
Telephone No: 44-(0)208-492-5950

REGULATORY INFORMATION

CONTAINS:	Xylene, mixture of isomers.
SYMBOL:	Xn Harmful. Highly flammable.
RISK PHRASES:	R20/21 Harmful by inhalation and in contact with skin. R38 Irritating to the skin.
SAFETY PHRASES:	S23 Do not breathe vapour/spray. S25 Avoid contact with the eyes. S51 Use only in well ventilated areas.

FURTHER INFORMATION

Reference should be made to the following official publications:-

EH40, COSHH Regulations, Environmental Protection Act.

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