

U-POL

PRODUCTS

PRODUCT SAFETY DATA SHEET

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COMMERCIAL PRODUCT NAME: U-POL SYSTEM 20 COLOUR MATCH TINTERS
(S2022, S2050, S2051, S2052, S2053, S2054)

PREPARATION: COLOURANT FOR COATINGS CONTAINING
1-2-METHOXY-2-PROPYL ACETATE

ADDRESS: Denington Industrial Estate,
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United Kingdom

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COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>LEVEL</u>	<u>SYMBOL</u>	<u>RISK</u>
1-METHOXY-2-PROPYL ACETATE	108-65-6	20 - 50%	Xn - Irritant	R10 R36

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.

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.

STORAGE: Store below 25°C in a dry well ventilated space in original closed containers.

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
	1-methoxy-2-propyl acetate	50 ppm	100 ppm

EYE PROTECTION: Not necessary if used with caution.

PROTECTIVE CLOTHING: Recommended.

RESPIRATORY PROTECTION: Not necessary.

SKIN PROTECTION: Barrier cream recommended.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Coloured paste.

ODOUR: Characteristic of solvent, fruity.

DENSITY: Approx. 1.2.

FLASH POINT: Approx. 44°C.

AUTO-FLAMMABILITY TEMPERATURE: 333°C (1-methoxy-2-propyl acetate).

EXPLOSIVE LIMITS: Lower 1.5%. Upper 10.8% (1-methoxy-2-propyl acetate).

VOLATILE CONTENT: Approx. 30%.

SOLUBILITY: Insoluble in water.

STABILITY AND REACTIVITY

Stable under normal conditions. 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 1-methoxy-2-propyl acetate, the following values have been reported:-

An oral LD50 in rats of 8532 mg/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 RELATED MATERIAL.
UNITED NATION NO:	UN 1263.
CLASS NO:	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)020-492-5950.

REGULATORY INFORMATION

CONTAINS:	1-methoxy-2-propyl acetate.
SYMBOL:	Xi Irritant.
RISK PHRASES:	R10 Flammable. R36 Irritating to eyes.
SAFETY PHRASES:	S2 Keep out of reach of children. S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

FURTHER INFORMATION

Reference should be made to the following official publications:-

EH40, COSHH Regulations, Environmental Protection Act.

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