

U-POL

PRODUCTS

PRODUCT SAFETY DATA SHEET

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COMMERCIAL PRODUCT NAME: ISOPON P60 KOMBI PUTTY

PREPARATION: PAINT PRODUCT CONTAINING NITROCELLULOSE AND A MIXTURE OF SOLVENTS

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COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>LEVEL</u>	<u>SYMBOL</u>	<u>RISK</u>
NITROCELLULOSE	-	5 - 10%	F - Highly Flammable.	R11
XYLENE	1330-20-7	5 - 10%	Xn - Harmful.	R10 R20/21 R38
METHYL ETHYL KETONE	78-93-3	5 - 10%	F - Highly Flammable. Xi - Irritant	R11 R36/37
N BUTYL ACETATE	123-86-4	10 - 25%	F - Flammable.	R10
ETHANOL	64-17-5	1 - 5%	F - Highly Flammable.	R11

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, and for extensive spraying, in a suitable booth.

STORAGE: Store in accordance with The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations.

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
	Methyl Ethyl Ketone	200 ppm	300 ppm
	N Butyl Acetate	150 ppm	200 ppm
	Ethanol	1000 ppm	-

EYE PROTECTION: Not necessary.

PROTECTIVE CLOTHING: Recommended.

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

SKIN PROTECTION: Barrier cream recommended.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale grey paste.

ODOUR: Acetates (Pear Drops).

DENSITY: Approx. 1.5.

FLASH POINT: Below 21°C.

AUTOFLAMMABILITY TEMPERATURE: 370°C (Butyl Acetate).

EXPLOSIVE LIMITS:	Lower 1.0%. Upper 8.0% (Butyl Acetate).
VOLATILE CONTENT:	Approx. 40%.
SOLUBILITY:	Partially miscible with water.
VISCOSITY:	Approx. 3000 poise.

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 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 Methyl Ethyl Ketone, the following values have been reported:-

An oral LD50 in rats of 2737mg/Kg.

LC50 in rats of 23500mg/m³ over 8 hours.

For N Butyl Acetate, the following values have been reported:-

An oral LD50 in rats of 13100mg/Kg.

LC50 in rats of 2000ppm/4 hours.

For Ethanol, the following values have been reported:-

An oral LD50 in rats of 7060mg/Kg.

LC50 in rats of 20,000ppm/10 hours.

ECOLOGICAL INFORMATION

Marine pollutant and partially biodegradable.

Putties 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:	3.2.
HARMONISED SYSTEMS NO:	320890 99 5.
PACKING GROUP:	II.

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)20 8492 5950.

REGULATORY INFORMATION

CONTAINS:	Nitrocellulose and a mixture of solvents.
SYMBOL:	F Highly Flammable. Xn Harmful
RISK PHRASES:	R11 Highly flammable. R20/21 Harmful by inhalation and in contact with skin. R36/37 Irritating to eyes and respiratory system.
SAFETY PHRASES:	S16 Keep away from sources of ignition - No smoking. S23 Do not breathe vapour/spray. 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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(*Denotes changes from previous issue)

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