

# U-POL

## PRODUCTS

### PRODUCT SAFETY DATA SHEET

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**COMMERCIAL PRODUCT NAME:** UPOL STRONGHOLD SYSTEM

**PREPARATION:** ADHESIVE BASE CONTAINING ALIPHATIC AMINE (PART 'A' OR PART '2')

**ADDRESS:** Denington Industrial Estate,  
Denington Road,  
Wellingborough,  
Northants NN8 2QP  
United Kingdom

**EMERGENCY TELEPHONE NO:-** **44-(0)1933-230310**

**FAX NO:-** 44-(0)1933-230351

#### **COMPOSITION/INFORMATION ON INGREDIENTS \***

<b><u>COMPONENT</u></b>	<b><u>CAS NO.</u></b>	<b><u>LEVEL</u></b>	<b><u>SYMBOL</u></b>	<b><u>RISK</u></b>
TRIETHYLENE DIAMINE	25265-71-8	0 – 1%	Xn - Harmful	R22 R36/38
ISOPHORONE DIAMINE	2855-13-2	0 – 1%	C - Corrosive. Xn - Harmful	R21/22 R34 R43

#### **HAZARDS IDENTIFICATION**

**INHALATION:** May cause irritation to respiratory tract.

**SKIN:** May cause severe irritation on prolonged contact, redness.

**EYES:** Severe irritation and soreness.

**INGESTION:** Nausea, severe discomfort to mouth and throat.

#### **FIRST AID MEASURES**

**INHALATION:** Move affected person to fresh air without delay. If discomfort persists, seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Immediately wash the affected area with soap and water. Do not use solvents.

**EYE CONTACT:** Irrigate with copious quantities of clean water and seek medical aid immediately.

**INGESTION:** Rinse out mouth with water. Then drink plenty of water. Do not induce vomiting. Seek immediate medical attention.

### **FIRE FIGHTING MEASURES**

Extinguish fires with CO<sub>2</sub>, dry powder or chemical foam. Cool containers with water spray. Do not use water jets. Avoid inhaling fumes of burning product.

### **ACCIDENTAL RELEASE MEASURES**

The product will readily flow. Large spillages are unlikely, but any spillage should be wiped or scraped away. Keep product away from drains. Avoid sources of ignition. Dispose of in accordance with the requirements of the Environmental Protection Act.

### **HANDLING AND STORAGE**

<b>HANDLING:</b>	Keep away from heat. Keep away from sources of ignition. Avoid contact with skin and eyes. Keep container closed when not in use.
<b>STORAGE:</b>	Store in original containers in a cool well ventilated place. Store away from acids.

### **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.

<b>EYE PROTECTION:</b>	Recommended.
<b>PROTECTIVE CLOTHING:</b>	Recommended.
<b>RESPIRATORY PROTECTION:</b>	Dust particle mask approved to FFP1SD-EN149 (when sanding cured product).
<b>SKIN PROTECTION:</b>	Barrier cream recommended.

### **PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Viscous black liquid.
<b>ODOUR:</b>	Amine like.
<b>DENSITY:</b>	Approx. 1.
<b>FLASH POINT:</b>	Above 150°C.
<b>SOLUBILITY:</b>	Slight in water.

### **STABILITY AND REACTIVITY**

Exothermic reactions may occur with acid. Thermal decomposition can give rise to acrid fumes consisting of CO<sub>2</sub>, and CO.

### **TOXICOLOGICAL INFORMATION**

For Triethylene Diamine the following values have been reported:-

An oral LD50 in rats of 3400 mg/Kg.

For Isophorone Diamine the following values have been reported:-

An oral LD50 in rats of 1030 mg/Kg.

### **ECOLOGICAL INFORMATION**

Toxic to aquatic organisms.

### **DISPOSAL CONSIDERATIONS**

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

### **TRANSPORT INFORMATION**

#### **KIT**

<b>SHIPPING NAME:</b>	Not classified.
<b>UNITED NATION NO:</b>	N/A.
<b>CLASS NO:</b>	N/A.
<b>HARMONISED SYSTEMS NO:</b>	3506 99 00.
<b>PACKING GROUP:</b>	N/A.

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

### PART 'A' OR PART '2'

<b>CONTAINS:</b>	Aliphatic amine.	
<b>SYMBOL:</b>	Xn	Harmful.
	C	Corrosive.
<b>RISK PHRASES:</b>	R21/22	Harmful in contact with skin and if swallowed.
	R34	Causes burns.
<b>SAFETY PHRASES:</b>	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin, wash immediately with plenty of soap and water.
	S45	In case of accident, or if you feel unwell, seek medical advice immediately (show label where possible).

### KIT

<b>CONTAINS:</b>	Aliphatic amine and Isocyanate	
<b>SYMBOL:</b>	Xn	Harmful.
	C	Corrosive.
<b>RISK PHRASES</b>	R20	Harmful by inhalation.
	R34	Causes burns.
	R36/37/38	Irritating to eyes, respiratory system and skin.
	R42	May cause sensitisation by inhalation.
<b>SAFETY PHRASES:</b>	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin, wash immediately with plenty of soap and water.
	S45	In case of accident, or if you feel unwell, seek medical advice immediately (show label where possible).
	S51	Use only in well ventilated areas.

Contains Isocyanates. See information supplied by the manufacturer.

## FURTHER INFORMATION

Used with **Part 'B' or Part '2'** to polymerise product.

Reference should be made to the following official publications:-

EH40, EH42, EH44, C.O.S.H.H. Regulations, Environmental Protection Act.

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