



Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

Product Name : HYDROTHANE WP1
HS Code : 32089090
Application : Elastomeric single component polyurethane
Waterproofing membrane
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
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2. COMPOSITION INFORMATION ON INGREDIENTS:

Ingredients	%Composition	CAS No.
Pigment Fillers	45-55	14808-60-7
Solvent	5-10	8052-41-3
Iso Cyanate-Pre Polymers	30-40	584-84-9
Chemical Additives	2-5	3586-55-8

3. HAZARDOUS IDENTIFICATION: ISO CYANATE – PRE POLYMERS

Hazard Symbol(s) : Xn: Harmful; F: flammable
Risk Phrase(s) : R20; Harmful by inhalation
R36/37/38; Irritating to eyes, respiratory system and skin
Safety Phrase(s) : S16; Keep away from sources of ignition
S36/37/39; Wear suitable protective clothing, gloves and
eye/face protection
S51; Use only in well-ventilated

Material Safety Data Sheet

4. FIRST AID MEASURES:

Ingestion	:	DO NOT induce vomiting. Wash mouth with water and seek immediate medical attention.
Eyes	:	While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.
Skin	:	Remove contaminated clothing. Flush contacted area thoroughly with soap and plenty of water. If irritation persists, seek medical attention. If irritation persists seek medical attention.
Inhalation	:	Remove to fresh air. If breathing is difficult, give oxygen and seek medical attention immediately
First aid facilities	:	Ensure availability of clean water for eye/skin wash.
Advice to doctor	:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	:	Foam, CO ₂ and Dry Chemical.
Hazards from Combustion	:	Oxides of carbon
Precautions and Equipment for the Fighters	:	Containers can build up pressure. If exposed to heat (fire). Full protective clothing with self-contained breathing apparatus as per personnel protection.

6. ACCIDENTAL RELEASE MEASURES:

Methods for Clean-up	:	Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shoveled into appropriately labeled drums for disposal. Ventilated the area and remove all sources of ignition.
Environmental Precaution	:	Do not discharge into sewers.

7. HANDLING AND STORAGE:

Material Safety Data Sheet

Information for Safe

Handling	:	Avoid ignition sources. Vapours can travel to a source of ignition and flash back. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such container to heat, flame, sparks, static electricity or other sources of ignition; containers may explode and cause injury or death. Use spark-proof tools and explosion proof equipment. Ground and bound containers when transferring material. Fire produces irritating or poisonous gas.
Condition for a Safe Storage	:	
Location	:	Store in a cool, dry and well-ventilated area.
Temperature Conditions	:	5 to 35°C. Avoid long-term exposure to elevated temperatures.
Protection from Weather	:	Store undercover and away from direct sunlight, heat and moisture.
Storage Incompatibilities	:	Avoid contact with oxidizing material, alcohol and water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Exposure Standards	:	Not available
Engineering Controls	:	Natural ventilation should be adequate under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use. Keep out of reach of children.
Personal Protective Equipment	:	
Respiratory protection	:	Type A1 if ventilation is inadequate.
Glove type (AS2161)	:	Long PVC or nitrile rubber gauntlets
Eye protection	:	Chemical worker's goggles.
Clothing	:	Overalls.
Other	:	Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	:	Liquid coating (colored)
Boiling point (°C)	:	150 - 380
Melting point (°C)	:	Not applicable
Vapour pressure @ 25°(kPa)	:	Not applicable

Material Safety Data Sheet

Specific gravity	:	1.3
Flash point (°C)	:	40
Flammability limits (%)	:	UEL – 7.0
LEL – 0.9		
Solubility in water	:	Insoluble
Evaporation rate	:	Slower than butyl acetate

10. STABILITY AND REACTIVITY:

Hazard of use/storage	:	Stable under normal storage and application temperature.
Materials to avoid	:	Avoid contact with oxidizing material, alcohol and water.
Hazardous decomposition Products	:	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION:

Acute

Ingestion	:	Irritating to mouth, throat and stomach.
Eye	:	Causes eye irritation.
Skin	:	Causes skin irritation. Repeated or prolonged skin contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).
Inhalation	:	Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure; changes in heart rate and cyanosis may result from overexposure to vapour.

Chronic

:	Susceptible individuals may develop allergic reactions such as dermatitis on a single significant skin or respiratory exposure or may become sensitised to the material on repeated and prolonged contact. Hence it is imperative that all forms of exposure be kept to an absolute minimum. This product contains solvents. Be warned that intention misuse by deliberately inhaling the contents may be harmful and fatal.
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12. ECOLOGICAL INFORMATION:

Ecology	:	Do not discharge into sewers
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Material Safety Data Sheet

13. DISPOSAL CONSIDERATIONS:

Disposal Methods

State/Territory Authority	:	Observe all Federal, State and Local regulations
Dispose – Secure landfill	:	Yes.
Dispose – High temp incinerator	:	Yes
Precautions for clean-up crew	:	Full protective clothing with self-contained breathing apparatus as per personal protection in section 8.

14. TRANSPORT INFORMATION:

UN number	:	1263
Dangerous goods class	:	3
Subsidiary risk	:	None allocated
EPG card	:	3C1
Shipping name	:	PAINT
Packing group	:	III
Hazchem code	:	3Y

15. REGULATORY INFORMATION:

Risk Phrase (s)	:	R20; Harmful by inhalation R36/37/38; Irritating to eyes, respiratory system and skin
Safety Phrase (s)	:	S16; Keep away from sources of ignition S36/37/39; Wear suitable protective clothing, gloves and eye/face protection S51; Use only in well-ventilated

Material Safety Data Sheet

16. OTHER INFORMATION:

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from MATEX.

If the product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.