

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 A100
HS CODE	:	39095000
Application	:	Single Component Aliphatic Polyurethane Waterproofing Membrane
Manufacturer	:	MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.
Address	:	P.O. Box 29585
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2. HAZARDS IDENTIFICATION:

Classification of the substance or mixture
Regulation (EC) n. 1272/2008 (CLP)

Skin Irrit. 2	:	Causes skin irritation
Eye Irrit. 2	:	Causes serious eye irritation
Resp. Sens. 1	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sens. 1	:	May cause an allergic skin reaction
STOT RE 2:		May cause damage to organs through prolonged or repeated exposure

Adverse physicochemical, human health and environment effects: None known

Label Elements

Regulation (EC) No 1272/2008 (CLP):

Hazard pictograms and Signal



Hazard Statements

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

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H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H373 may cause damage to organs through prolonged or repeated exposure

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition Sources. No smoking
P261 Avoid breathing mist/vapours/spray
P280 Wear protective gloves/clothing and eye/face protection
P285 In case of inadequate ventilation wear respiratory protection
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P342+P378 In case of fire, use a dry powder fire extinguisher to extinguish
P403+P235 Store in a well-ventilated place. Keep cool

Special Provisions:

EUH204 Contains isocyanate, may produce an allergic reaction
EUH211 Warning! Hazardous respirable may be formed when sprayed. Do not breathe spray or mist

Other Hazards:

No other hazards. Not classified as PBT/vPvB or endocrine disruptor substances present in Concentration $\geq 0.1\%$

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Substances : Not relevant
Mixture Identification : Hydrothane A100

Hazardous Component within the meaning of the CLP regulation and related classification:

Name	%Composition	CAS#	Classification
Isophorone Di-isocyanate	20 – 50	4098-71-9	Acute Tox. 3-H331, Skin Irrit. 2-H315, Eye Irrit. 2-H319, Resp. Sens. 1-H334 Skin Sens. 1-H317, STOT SE 3-H335 Aquatic Chronic 2-H411
Xylene	1 – 5	1330-20-7	Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT RE 2, H373; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412

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4. FIRST AID MEASURES:

First aid		
Eye contact	:	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	:	Remove contaminated clothes. Wash affected area with soap and plenty of water.
Inhalation	:	Remove affected person to fresh air. If symptoms persist get medical attention.
Ingestion	:	If swallowed wash out mouth. Do not induce vomiting. Obtain medical attention immediately.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing media	:	If material is involved in a fire use a dry powder fire extinguisher
Specific Hazards	:	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
Special Protective Precaution and Equipment	:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

After spillage/leakage	:	Absorb with suitable material eg. sand & earth, seal in plastic bag & bury in landfill. Collect absorbed material and place in a sealed container. Do not allow to enter into soil/subsoil or drains.
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In addition, please refer to the local regulations regarding disposal.

7. HANDLING AND STORAGE:

Technical protective measures	:	Store in shaded areas away from heat and direct Sunlight. Containers should be regularly rolled if stored for long periods. Avoid contact with skin and eyes, inhalation of vapours and mists. Do not eat or drink while working.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Control Parameters	:	Isophorone Di-isocyanate STD: WEL; TWA – 8hrs: 0.02 mg/m ³ (Sen); STEL – 15 min: 0.07 mg/m ³ (Sen)
	:	Xylene OSHA PEL: 100 ppm (8-hour TWA); NIOSH REL: 100 ppm TWA, 200 ppm (10-min STEL); ACGIH TLV: 100 ppm (8-hour TWA), 150 ppm (STEL)
Personal protective equipment		
Respiratory protection	:	Use ori-nasal respirator particularly when working in confined areas.
Eye protection	:	Safety goggles
Skin protection	:	Impervious gloves
Other	:	Plastic apron, face shield, hat, boots. Observe the usual precaution when handling chemicals.
Industrial hygiene	:	Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	:	Liquid
Colour	:	white/grey
Odour	:	Characteristic
Change in physical state		
- Boiling point, °C (mm Hg)	:	N/A
- Melting point, °C	:	N/A
Flash point	:	No data available
Autoignition temperature (°C)	:	N/A
Specific gravity (°C)	:	1.35 ± 0.03
Solubility in water (°C)	:	N/A

10. STABILITY AND REACTIVITY:

Hazardous decomposition products	:	Oxides of carbon and nitrogen, smoke and fumes
Hazardous reaction	:	Hazardous Polymerization will not occur.
This material is thermally stable when stored and used as directed.		

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11. TOXICOLOGICAL INFORMATION:

Information of toxicity	:	No data available in general
Acute Effects:		
Inhalation	:	Excessive exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat.
Skin contact	:	Causes skin irritation
Eye Contact	:	Causes serious eye irritation
Other information		

12. ECOLOGICAL INFORMATION:

Ecological effect information	:	Do not discharge product into drains & sewers system.
Impairment of sludge activity		
Other information		

13. DISPOSAL CONSIDERATIONS:

Disposal	:	Absorb with suitable material eg. sand & earth, seal in plastic bag & bury in landfill. Do not allow to enter Drains or watercourses
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In addition, please refer to the local regulations regarding disposal

14. TRANSPORT INFORMATION:

ADG / ADR / RID

Not classified as dangerous goods by the criteria of the ADG Code

IMDG

Not classified as dangerous goods by the criteria of the IMDG Code for Transport by Sea.

IATE

Not classified as dangerous goods by the criteria of the IATE dangerous goods regulations for transport by air.

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15. REGULATORY INFORMATION:

Labeling : Labeling according to EEC directives concerning preparations-N/A

Symbols

Hazard Statements

H315	Causes skin irritation
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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.

Further copies of this Safety Data Sheet may be obtained from MATEX.