



MATERIAL SAFETY DATA SHEET

Product Identifier:

Xylene

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Xylene			
PIN/ UN No: N/AP		MSDS Number: 1702oc.	Molecular Weight: N/AP
Chemical Name: N/AP			
Chemical Family: N/AP		Chemical Formula: N/AP	
Pest Control Product (PCP #) : N/AP		Stock Number: N/AP	Product Group: N/AP
Product Use: Solvent		Synonyms: Solvent	
WHMIS Classification: B2, D2a.		Means of Classification: Class. By Manufacturer	
Manufacturers Name: Insul-Mastic/Websen		Suppliers Name: Basalite Concrete Products Vancouver, ULC.	
Street Address: 861 Derwent Way, Annacis Island		Street Address: 1280 West 77th Avenue	
City: New Westminster	Province: BC	City: Vancouver	Province: BC
Postal Code: V3M 5R4	Emergency Telephone No. 604 – 522 - 2811	Postal Code: V6P 3G8	Emergency Telephone No. 604 – 269 – 2120

SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
Xylenes	100 W/W	1330-20-7	LD 50: 4 G/KG. Oral, Rat. LC 50: 6500 ppm, Rat.	100 ppm. ACGIH

SECTION 3 PHYSICAL DATA

Odour & Appearance: Clear, colourless liquid.			
Physical State: Liquid		Odour Threshold: Characteristic odour.	
Freezing Point (°C): - 54° C		Boiling Point (°C): 137 - 143° C	
Vapour pressure (mm Hg): 2.5 Kpa @ 38° C.	Vapour Density (Air=1): 3.7	Percent Volatile: N/AP	Evaporation Rate: 0.75 (nButyl acetate= 1)
pH: N/AV	Specific Gravity: 0.87	Coeff. Water/ Oil Distribution: N/AP	Percent Soluble: Negligible.



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SECTION 4 FIRE AND EXPLOSION DATA

Flammability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	If yes, under which conditions? Any ignition source, extreme heat.	
Extinguishing Media: Dry chemical, CO2, alcohol foam or water spray.		
Special Fire Fighting Procedures: Respirators may be required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling containers. When using water spray, boil-over may occur when the product temperature reaches the boiling point of water.		
Unusual Fire and Explosion Hazards: Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the point of handling.	Auto-Ignition temperature (°C): 500° C	
Flashpoint (°C) and method: 26° C (TCC)	Upper flammability limit (% by volume): 7%	Lower flammability limit (% by volume): 1%
Hazardous Combustion Products: Oxides of carbon and black smoke.		
Explosion data: Sensitivity to impact: N/AP		Sensitivity to static discharge: All equipment must be grounded to avoid build up of static electricity.

SECTION 5 REACTIVITY DATA

Chemical stability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	If no, under which conditions?	
Incompatibility with other substances: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	If so, which ones? Strong oxidizing agents; strong acids or bases.	
Reactivity, and under what conditions: This product is stable and hazardous polymerisation will not occur under normal conditions.		
Hazardous decomposition products: Carbon monoxide, carbon dioxide and black smoke produced upon combustion.		



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SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry:
Skin Contact

Skin Absorption:

Eye Contact:

Inhalation:

Ingestion:

Effects of over exposure to product: **Eyes: Moderate irritant. Does not cause eye tissue damage.**

Skin: Very low order of toxicity by skin absorption. Frequent or prolonged contact may irritate the skin and cause dermatitis.

Ingestion: Low order of toxicity but see chronic health hazard. Minute amounts aspirated into the lungs during swallowing or subsequent vomiting may cause severe lung irritation.

Inhalation: The vapours have a low to moderate toxicity. In high concentrations the vapours are irritating and may cause headache, nausea and unconsciousness. The irritating properties give warning as anaesthetic concentrations are approached. Concentrations in excess of 200 PPM may cause impaired reaction time and co-ordination.

Effects of chronic exposure to product: **May cause liver and kidney damage in humans. This product has been classified as an embryotoxin.**

Exposure Limits: **N/AP**

TWA:

Other:

STEL:

C:

OSHA PEL:

ACGIH TLV:

Carcinogen by NTP: **N/AP**

Carcinogen by IARC: **N/AP**

OSHA Controlled: **N/AP**

Irritancy: **N/AP**

Sensitization: **N/AP**

Carcinogenicity: **N/AP**

Teratogenicity: **N/AP**

Reproductive Toxicity: **N/AP**

Mutagenicity: **N/AP**

Synergistic Products: **N/AP**

Medical Conditions Aggravated by Exposure: **N/AP**



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Neoprene or butyl rubber.**

Respirator (specify) **Wear approved organic canister mask or air-supplied respirator as required. Ventilation; local exhaust recommended. Use General mechanical ventilation to maintain vapour concentration to below TLV. Electrical and mechanical equipment should be explosion-proof.**

Eye (specify) **Goggles to prevent eye contact.**

Footwear (specify): **See other**

Clothing (specify) **See other**

Other (specify) **Solvent resistant suit and boots for emergency situations.**

Engineering controls: **N/AP**

Leak & Spill Procedures: **Remove all sources of ignition. Stop leak and prevent product from entering sewers or water courses. Ventilate enclosed spaces or wear respiratory protection. Pump up (explosion proof equipment) or soak up with sand, cotton waste or mineral absorbent. Place into suitable container and remove to outdoors. Continue to ventilate area until clear of vapours.**

Waste Disposal: **Controlled incineration or use waste disposal service in accord with Federal, Provincial and local regulations. In case of large spills warn public of downwind explosion hazard.**

Handling Procedures and Equipment: **Keep container closed when product is not in use. Store in a cool, well-ventilated place away from oxidizing agents and sources of ignition. The product is a static accumulator. Transfer equipment should be properly grounded or bonded. Containers may retain hazardous residues when emptied and should be commercially cleaned before reuse.**

Storage Requirements: **See above**

Special Shipping Information: **Dot Shipping Data: XYLENES, Class 3 (9.2) UN 1307, PG III.**

SECTION 8 FIRST AID MEASURES

Specific Measures: **Eyes: Flush with water for at least 15 minutes. Get medical attention if irritation persists.**

Skin: Remove contaminated clothing and wash before re-use. Wash skin with soap and water. If irritation develops seek medical attention.

Inhalation: Rescuers should consider respiratory protection. Remove immediately from contaminated area. Apply artificial respiration if breathing has stopped. If breathing is difficult, administer oxygen. Contact a physician.

Ingestion: Due to the possibility of aspiration into the lungs, do not induce vomiting, keep at rest and call a physician.

Notes to physician: Treatment is directed at the control of symptoms and the clinical condition.



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SECTION 9 PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.) Rocky D. Pantiluk, A.Sc.T. Basalite Concrete Products Vancouver, ULC. 1280 West 77 th Avenue Vancouver, BC V6P 3G8	Phone Number: (604) 269 – 2120	Date: 09 / 03 / 05 (yr / mm / dd)
Workplace MSDS Transcribed by: Laura Voci Basalite Concrete Products Vancouver, ULC. 1280 West 77 th Avenue Vancouver, BC V6P 3G8	Phone Number: (604) 269 – 2120	Date: 09 / 03 / 05 (yr / mm / dd)

The information in the MSDS is believed to be accurate at the time of preparation, but no guarantees are given.