

PREMIUM POLYURETHANE SEALANT

SECTION 1. Company Information

Product Description

Polyurethane Sealant

Use

Construction Adhesive

Cas Number

Mixture

Manufacturer

International Building Components, Inc.

21428 Woods Creek Road
Monroe, WA, 98272 USA
Telephone - (360)794.2151
Fax - (360)863.8434
Toll Free - 1.888.610.2151
Web - www.waterblocksystems.com

WHMIS



Protective Clothing



TDG and DOT

Not regulated as dangerous goods

EMERGENCY OVERVIEW!!!

This product is irritating to the eyes and skin. Thermal decomposition/burning may produce toxic gases and fumes. Closed containers may rupture when exposed to high temperatures, or when the product has been contaminated with water.

Avoid breathing hot mists and vapors. This product contains a respiratory and skin sensitizer. Causes respiratory tract irritation and may cause allergic respiratory reaction. May cause permanent respiratory damage. Product vapors are potentially irritating to skin. May cause allergic skin reaction and dermatitis.

In Case of Emergency

Toll Free:

1.888.610.2151

Poison Control Center:

Consult local telephone directory

SECTION 2. Composition / Information Ingredients

Hazardous component(s)	CAS #	Percent
Butyl benzyl phthalate	85-68-7	7- 13
Xylenes (0-, m-, p- isomers)	1330-20-7	1 - 5
Ethyl benzene	100-41-4	0.5 - 1.5
Methylene Diphenylisocyanate (MDI)	101-68-8	0.1 - 1

SECTION 3. Hazards Identification

Skin

Skin contact may cause irritation. Isocyanates may react with skin protein and moisture to cause itching, reddening, swelling, scaling or blistering. Individuals previously sensitized to this material may experience these symptoms from exposure to very small amounts of liquid or vapor.

Eyes

This product may cause irritation to the eyes.

Inhalation

No hazard known at this time

Ingestion

No hazard known at this time

Target organs

None Known for product as a whole

SECTION 4. First Aid Measures

Skin

For skin contact, wash immediately with soap and water. For severe exposure, immediately get under a safety shower and begin rinsing.

Eye

Immediately flush eyes with plenty of water for at least 15 minutes.

Inhalation

Remove to fresh air. Administer oxygen or artificial respiration as needed.



Ingestion
If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Notes to physician
Treat symptomatically and supportively. Contact WaterBlock to determine whether any additional information is available.

SECTION 5. Fire Fighting Measures

Extinguishing media Use dry chemical, carbon dioxide, or foam. Water spray (fog).
Dust explosion hazard None Known
Sensitivity to mechanical impact None Known
Sensitivity to static discharge None Known
Flash Point 143° F (61.7° C)

SECTION 6. Accidental Release Measures

Emergency action
Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.

Spill or leak procedure
Scrape up paste and place in steel drums that are in good condition. Thoroughly clean area where spill occurred.

Reporting
See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SECTION 7. Handling and Storage

Handling
Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before re-use. Do not breathe vapors, mists or dusts. Do not breathe fumes generated when the material is overheated or burned. Use adequate ventilation. Wear respiratory protection if the material is heated, sprayed, used in a confined space or if exposure limit is exceeded. This product can produce asthmatic sensitization. Individuals with lung or breathing problems or prior allergic reactions to isocyanates must avoid fumes from this product. Wear appropriate protective equipment to avoid contact with skin and eyes.

Storage
Store in a cool, dry, well-ventilated area away from heat, ignition sources and direct sunlight. Water contamination should be avoided. Cool location should be 60-80 degrees For 15-30 degrees C.

Empty container precaution
Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

SECTION 8. Exposure Controls / Personal Protection

Engineering controls
Use local exhaust or general ventilation where the potential exists to exceed the PEL or TL V exposure limits.

Eye protection Wear goggles or safety glasses with side shields.
Skin and body protection Wear appropriate clothing to minimize skin contact with this product.

Respiratory protection
Avoid breathing vapor and/or mists. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator.

ACGIH	Threshold Limits Values	Time Weighted Averages (TLV-TWA)
Ethyl benzene	100-41-4	100 ppm TWA
Methylene Oiphenyl Isocyanate (MOI)	101-68-8	0.005 ppm TWA
Xylenes (0-, m-, p- isomers)	1330-20-7	100 ppm TWA
OSHA	Vacated PELs	Ceilings
Methylene Oiphenyl Isocyanate (MOI)	101-68-8	0.02 ppm Ceiling; 0.2 mg/m3 Ceiling
OSHA	Vacated PELs	TWAs
Ethyl benzene	100-41-4	100 ppm TWA; 435 mg/m3 TWA
Xylenes (0-, m-, p- isomers)	1330-20-7	100 ppm TWA; 435 mg/m3 TWA



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SECTION 9. Physical and Chemical Properties

Solubility (H2O):	0 %
Density:	1.777 g/cc
Odor:	Slight
Color:	White
Physical state:	Paste
Freeze protect:	No
VOC:	3.9% (69.8 g/l) (Volatile Organic Compounds)

SECTION 10. Stability and Reactivity

Hazardous reactions/decomposition products

Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion may include carbon dioxide, carbon monoxide, water vapor, oxides of nitrogen and a wide variety of innocuous or toxic fumes.

Hazardous polymerization

Will not occur.

Conditions to avoid

Avoid Strong Acids. Avoid water, amines, strong bases, alcohols and metallic hydrides.

Stability

This is a stable material.

SECTION 11. Toxicological

LD50

Toxicology Data

Butyl benzyl phthalate

Selected LD50s

85-68-7

LC50s

Inhalation LC50 Rat: >6.7 mg/L/4H;

Oral LD50 Rat: 2330mg/kg; Dermal LD50 Rabbit: >10 g/kg

Ethyl benzene

100-41-4

Inhalation LC50 Rat: 17.2 mg/L/4H;

Oral LD50 Rat: 3500 mg/kg; Dermal LD50 Rabbit: 15354 mg/kg

Methylene Diphenyl Isocyanate (MOI)

101-68-8

Oral LD50 Rat: 9200 mg/kg

Xylenes (0-, m-, p- isomers)

1330-20-7

Inhalation LC50 Rat: 5000 ppm/4H;

Oral LD50 Rat: 4300 mg/kg; Dermal LD50 Rabbit: >1700 mg/kg

Carcinogenicity (If this product contains any carcinogens, they will be noted below) :

IARC

Ethyl benzene

Group 28 (Possibly Carcinogenic to Humans)

100-41-4 Monograph 77, 2000

OSHA

Ethyl benzene

Hazard Communication Carcinogens

100-41-4 Present

SECTION 12. Ecological Information

VOC (Volatile Organic Compounds)

3.9%

Ecotoxicological Information

No data available for this product

SECTION 13. Disposal Considerations

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

Waste disposal

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. When intending to dispose of this material, the user is advised that this product would not be classified as a Hazardous Waste under U.S. Federal Regulations in effect at the time this MSDS was created.

SECTION 14. Transport Information

Department of Transportation (DOT) Requirements Not regulated as dangerous goods.

IATA

Not regarded as dangerous goods.

IMDG

Not regarded as dangerous goods.



SECTION 15. Regulatory Information

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

Federal regulations (All components are on the U.S. EPA TSCA Inventory List.)

CERCLA / SARA - Hazardous Substances and their Reportable Quantities

Butyl benzyl phthalate	85-68-7	100 lb final RQ; 45.4 kg final RQ
Ethyl benzene	100-41-4	1000 lb final RQ; 454 kg final RQ
Methylene Diphenyl Isocyanate (MOI)	101-68-8	5000 lb final RQ; 2270 kg final RQ
Xylenes (0-, m-, p- isomers)	1330-20-7	100 lb final RQ; 45.4 kg final RQ

CERCLA / SARA - Section 313 - Emission Reporting

Ethyl benzene	100-41-4	0.1 % de minimis concentration
Methylene Diphenyl Isocyanate (MOI)	101-68-8	1.0 % de minimis concentration (Listed under Chemical Category N120, OiiisocyanatesI
Xylenes (0-, m-, p- isomers)	1330-20-7	1.0 % de minimis concentration

TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification

Chlorobenzene	108-90-7	Section 4
Xylenes (0-, m-, p- isomers)	1330-20-7	Section 4

State regulations

If this product contains any ingredients listed under California Proposition 65, they will be noted below.

California - Proposition 65 - Carcinogens List

Ethyl benzene	100-41-4	carcinogen, initial date 6/11/04
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California - Proposition 65 - Developmental Toxicity

Butyl benzyl phthalate	85-68-7	developmental toxicity, initial date 12/2/05
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International regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

HMIS Ratings

Health: 1
Flammability: 2
Physical hazard: 0
Personal protection: G

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

WHMIS status

Controlled

WHMIS labeling

WHMIS classification

D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC



SECTION 16. Other Information

Disclaimer

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, WaterBlock makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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Supersedes

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