

Local Phone: 203-575-9220

MATERIAL SAFETY DATA SHEET

Business Hours: 8 am - 5 pm

Toll Free: 1-800-537-7663

2001 INC.
P.O. BOX 2557 WATERBURY, CT 06723-2557
325 THOMASTON AVE.
WATERBURY, CT 06702

Emergency Telephone
1-800-255-3924

MSDS Date: 04/21/06

Supercedes All Previous Publications

Page 1 of 2

SECTION I PRODUCT INFORMATION

PRODUCT NAME AND SYNONYMS: 2001 PVC POLYURETHANE CAULK

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS #	PERCENT
Xylenes (o-,m-,p-isomers)	1330-20-7	1-5
Ethyle benzene	100-41-4	0.1-1
Methylene Diphenyl Isocyanate (MDI)	101-68-8	0.1-1

SECTION III HAZARDOUS IDENTIFICATION

Emergency Overview: This product contains materials that on exposure could cause irritation and minor residual injury even if no treatment is provided. This product is stable under normal conditions but will react slightly with water to release some heat and carbon dioxide. The reaction is not violent.

Potential Health Effects: **Skin:** Skin contact may cause irritation. A component of this product is a potential skin sensitizer. Repeated skin contact may cause a persistent irritation or dermatitis.

Eyes: May cause irritation with temporary redness with stinging and tearing.

Inhalation: Vapors and mists from this product are respiratory irritants. Repeated inhalation may result in lung damage. Symptoms may include irritation to the eyes, nose, throat, and lungs, possibly combined with dryness of the throat, tightness of the chest, and difficulty in breathing.

Ingestion: Exposure is unlikely. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Target Organs: The lungs may be targeted and damaged by components of this product. Skin. Eyes.

SECTION IV FIRST AID MEASURES

First Aid:

Skin: For skin contact, wash immediately with soap and water. If irritation persists, get medical attention. SEE NOTES TO A PHYSICIAN.

Eyes: Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately. SEE NOTES TO A PHYSICIAN.

Inhalation: Remove to fresh air. Get medical attention if symptoms develop. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours.

Ingestion: No harmful effect is anticipated. 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 A PHYSICIAN: A component of this product is a potential skin sensitizer. Treat symptomatically as for contact dermatitis. Persons with hypersensitivities to isocyanates should be removed from exposure to any isocyanates. May aggravate existing heart conditions, particularly those with abnormal heart rhythms.

SECTION V FIRE FIGHTING MEASURES

Extinguishing Media: Use dry chemical, carbon dioxide, or foam. Use water spray on large fires.

Dust Explosion Hazard: None Known

Sensitivity to Mechanical Impact: None Known

Fire Fighting Equipment/Instructions: Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point: 166°F (74.4°C)

Flammability Limits in Air, Upper, % by Volume: 7.0

Auto-Ignition Temperature: 924°F (495.6°C)

Flammability Limits in Air, Lower, % by Volume: 1%

=====SECTION VI ACCIDENTAL RELEASE MEASURES=====

Emergency Action: Appropriate safety measures and protective equipment should be used. See Section 8.

Containment: Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Scrape up polyurethane and deposit into appropriate containers.

=====SECTION VII HANDLING & STORAGE=====

For Commercial Use Only-Not Packaged or Labeled for Home Use!

Handling: Avoid contact with skin and eyes. Wash thoroughly after handling. Use this product with adequate ventilation.

Storage: Store in a clean, dry area. Keep containers closed.

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,

=====SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION=====

Engineering Controls: Use with adequate ventilation.

Eye Protection: Wear safety glasses with side shields.

Skin and body protection: Wear appropriate clothing to minimize skin contact with this product.

Respiratory protection: Not normally needed.

General: Eyewash fountains and emergency showers should be readily available. Use good industrial hygiene practices in handling this material.

Exposure Limits:

ACGIH-Threshold Limits Values-Time Weighted Averages (TLV_TWA)		
Ethyl benzene	100-41-4	100 ppm TWA
Methylene Diphenyl Isocyanate (MDI)	101-68-80	0.005 ppm TWA
Xylenes (o-, m-, p- isomers)	1330-20-7	100ppm TWA
OSHA-Vacated PELs-Ceilings		
Methylene Diphenyl Isocyanate (MDI)	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 (o-m-,p-isomers)	1220-20-7	100 ppm TWA; 435 mg/m3 TWA

=====SECTION IX PHYSICAL & CHEMICAL PROPERTIES=====

Vapor Pressure	5.1	Odor	Solvent
Vapor Density	3.7	Color	White
Solubility 9H2O)	0%	Physical State	Paste
Target Solids	96%	VOC (Volatile Organic Compounds)	<3.9%
pH	N/A		
Density	11.3 lbs/gal		

=====SECTION X STABILITY & REACTIVITY=====

Hazardous reactions/ decomposition Products: If product is burned carbon monoxide, carbon dioxide, oxides of nitrogen, amines, isocyanate-containing compounds and other unknown products may be produced.

Hazardous polymerization: Not likely to occur.

Conditions to Avoid: Avoid contact with Strong Oxidizers and Strong Acids.

Stability: Stable under normal conditions.

=====SECTION XI TOXICOLOGICAL INFORMATION=====

LD50 Toxicology Data-Selected LD50s and LC50s	
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 (MDI):	101-68-8 Oral LD50 Rat: 9200 mg/kg
Xylenes (o-m-p-isomers):	1330-20-7 Inhalation LC50 Rat: 5000 ppm/4H; Oral LD50 Rat: 4300 Mg/kg/ Dermal LD50 Rabbit: >1700 mg/kg

=====SECTION XII ECOLOGICAL INFORMATION=====

VOC (Volatile Organic Compounds) <3.9%

Ecotoxicological Information Organic solvents produce slight to moderate toxicity to aquatic life. Insufficient data exists to evaluate the effect on plants, birds or land animals.

=====SECTION XIII ECOLOGICAL INFORMATION=====

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. **WASTE DISPOSAL:** This product is not known to be regulated under RCRA regulations but contains SARA REGULATED SUBSTANCES. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

=====SECTION X PREPARATION INFORMATION=====

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Prepared By: 2001 Inc.