

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 05-01-2007

Section 1 - Product and Company Information

Product Name: Bumper and Cladding Coat 2 Adhesion Primer - Part A

COMPANY IDENTIFICATION:	EMERGENCY TELEPHONE NUMBER	
Urethane Supply Company	24 Hour Emergency Contact	800-424-9300
1128 Kirk Rd.	Customer Information Number	256-638-4103
Rainsville, AL 35986		

Section 2 - Hazards Identification

Appearance: Opaque, medium viscosity, pourable liquid

Odor: Strong solvent smell

Hazards of Product:

WARNING! Flammable liquid and vapor. May cause allergic skin reaction. May cause eye irritation. Vapor explosion hazard. Vapors may travel long distance; ignition and/or flash back may occur. Isolate area. Stay out of low areas.

Signal Word: WARNING!

Signal Word Hazard: Flammable Liquid

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Potential Health Effects

Eye Contact: Moderate irritation, redness, blurred vision.

Skin Contact: Prolonged contact may cause irritation with local redness. May cause drying and flaking of the skin.

Skin Absorption: A single exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

Skin Sensitization:

Inhalation: Dizziness, sneezing, breathing difficulty, headaches, and loss of coordination. Prolonged exposure to high concentrations of vapors may be fatal.

Ingestion: Gastrointestinal irritation, vomiting, diarrhea.

Repeated Exposure: Xylene is reported to have caused hearing loss in laboratory animals upon exposure to high concentrations; such effects have not been reported in humans.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Xylene	1330-20-7	20-30%

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Acrylic Resin	Proprietary	10-15%
Aromatic Hydrocarbon	64742-95-6	15-25%
Aromatic Hydrocarbon	336-454-1161	10-15%
PM Acetate	10-65-9	1-10%
Titanium Dioxide	13463-67-7	1-10%

Section 4 - First-Aid Measures

Eye Contact: Flush with large amounts of water until all material is removed. If irritation persists, get medical attention immediately

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before re-use. Shower.

Inhalation: Move to fresh air. Artificial respiration if necessary. Consult physician immediately.

Ingestion: Do not induce vomiting. Consult physician immediately.

Medical Conditions Aggravated by Exposure: Not determined.

Section 5 - Fire Fighting Measures

Extinguishing Media: Fight source of fire. Dry chemical, CO2, Chemical foam.

Fire Fighting Procedures: Water spray to cool containers.

Special Protective Equipment for Firefighters: If this material is involved in a fire, NIOSH approved self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Vapors are heavy and may concentrate at lower levels creating hazard. At high temperatures, containers may burst.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Confine as much as possible. Dike and absorb with inert material such as vermiculite. Transfer to containers for disposal.

Personal Precautions:

Environmental Precautions: Do not contaminate lakes, streams or other water supply.

Section 7 - Handling and Storage

General Handling: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.

Other Precautions: Wear gloves, goggles and protective clothing to prevent contact with product.

Storage: Store material at temperatures between 2°C (36°F) and 49°C (120°F). Do not store containers in direct sunlight.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	OSHA	PEL	100 ppm	TWA

Personal Protection

Eye/Face Protection: Chemical splash goggles (ANSI Z 87.1 or approved equivalent.)

Skin Protection: Impervious rubber gloves.

Respiratory Protection: None required if adequate ventilation is provided. If inadequate ventilation, use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapor.

Hygienic Measures: Wash hands before eating, smoking or using the bathroom.

Other Protection Measures: Wear protective clothing to prevent contact with products.

Engineering Controls: Use exhaust ventilation to keep airborne concentration below exposure limits.

Section 9 - Physical and Chemical Properties

Appearance: Opaque, medium viscosity, pourable liquid

Odor: Strong solvent smell

Flash Point: >5°C (40°F)

Lower Flammable Limit: Not determined

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Boiling Point: <140°C (284°F)
Vapor Density: Heavier than air
Specific Gravity: 1.036
Evaporation Rate: Slower than n-Butyl Acetate
Percent Volatiles: 65-75%
Volatile Organic Compounds: 739.2 g/l (6.16lb/gal)

Section 10 - Stability and Reactivity

Stability/Instability: Stable
Conditions To Avoid: High temperatures
Incompatible Materials: Oxidizing agents, alkalis
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Chlorine, hydrogen chloride (hydrochloric acid), phosgene

Section 11 - Toxicological Information

Acute Toxicity Ingestion
 1-10%
Skin Absorption
 1-10%
Inhalation
 1-10%

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:
 Dispose of in accordance with all Federal, State, and local ordinances.
Container Disposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT
Proper Shipping Name: Paint
Hazard Class: 3
ID Number: UN1263
Packing Group: III

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

Component	CAS #	Amount	SARA 313 Listed	Know to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Cancerogenity	IARC Cancerogenity	NTP Cancerogenity	TLV Canerogenity	NIOSH Cancerogenity	OSHA Cancerogenity
Xylene	1330-20-7	20-30%	•		•			•	•			•		

Section 16 - Other Information

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Legend

PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
OSHA	Occupational Safety and Health Administration
REL	Recommended Exposure Level
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
VOC	Volitile Organic Compounds
ACGIH	American Conference of Governmental Hygenists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.