

Material Safety Data Sheet

Spray Equipment and Coatings

850709 US Hwy 17
Yulee, FL 32097
1-877-772-9629

SECTION 1 - MATERIAL IDENTIFICATION

Product Name: 2.0 Lb Foam A-side
Product Class: Polymeric MDI

HMIS Rating	
HEALTH	2
FIRE	0
REACTIVITY	0

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredient	CAS #	Weight %	TLV
4,4" - Diphenylmethane Di-isocyanate	101-68-8	50%	0.02 ppm

SECTION 3 - PHYSICAL DATA

BOILING POINT: Decomposes at 646°F, 341.1°C
SPECIFIC GRAVITY: 1.2
VAPOR PRESSURE: @ 20°C <0.0001
PERCENT VOLATILE: NA
VAPOR DENSITY: NA
EVAPORATION RATE: NA
APPEARANCE: light yellow liquid with faint odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 400°F, 204°C (COC)
EXTINGUISHING MEDIA: Dry chemical, foam, CO₂, halogenated agents. If water is used, use very large quantities. The reaction between water and hot isocyanate may be vigorous.
SPECIAL FIRE FIGHTING PRODDERS: Fire fighters should be equipped with self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid water contamination in closed containers or confined area (carbon dioxide evolved)

SECTION 5 - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: See section 2
EFFECTS OF OVEREXPOSURE: Respiratory irritant-also causes respiratory sensitization with asthma like symptoms in exposed individuals. Skin and eye contact can cause irritation, reddening, swelling, rash, scaling, or blistering; ingestion - irritation or ulceration
EMERGENCY AND FIRST AID PROCEDURES: Eyes - Flush with water-obtain medical attention; Skin - wash with soap and water - clean contaminated clothing; Ingestion - do not induce vomiting, call physician and/or transport to emergency facility immediately; Inhalation - remove victim to fresh air, give oxygen – and call a physician.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Reaction with water forming carbon dioxide
INCOMPATIBILITY: This product will react with any materials containing active hydrogens, such as water, alcohol, ammonia, amines, alkalis, and acids. The reaction with water is very slow under 50 degrees C, but is accelerated at higher temperatures and in the presence of alkalis, tertiary amines and metal compounds. Some reactions can be violent.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, NO₂, NO, trace HCN
HAZARDOUS POLYMERIZATION: May occur. High temperatures in the presence of alkalis, tertiary amines, and metal compounds will accelerate polymerization. Possible evolution of CO₂ gas may rupture closed containers.
CONDITIONS TO AVOID: Moisture contamination.

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SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate and ventilate area, dike spill, prevent entry of water; clean up personnel wear full protective equipment. Absorb with sawdust and shovel into unsealed containers

WASTE DISPOSAL METHOD: Follow federal, state and local regulations. Incineration is the preferred method or material should be neutralized in accordance with state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear an NIOSH approved air supply

VENTILATION: As necessary to maintain below PEL

PROTECTIVE GLOVES: Rubber or PVC

EYE PROTECTION: Chemical goggles

OTHER PROTECTIVE EQUIPMENT: Use impervious protective clothing

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed, store between 60 to 80F in a cool, dry place to protect from freezing

OTHER PRECAUTIONS: In case of Emergency contact Chemtrec 800/424-9300

SECTION 10 - ADDITIONAL REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372:

CAS # Chemical Name Percent by Weight

101-68-8 Methylenebis 50% MDI

PROP 65 (CARCINOGEN)

Warning: This product contains a chemical known to the state of California to cause cancer.

CAS # Chemical Name Percent by Weight

None

PROP 65 (TERATOGEN)

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight

None

TRANSPORTATION REGULATION: Not regulated

This information herein is given in good faith, but no warranty, expressed or implied, is made.

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Rev Date: 01/2010

SECTION 1 – PRODUCT INFORMATION

SprayEZ - 2000 Foam Resin

Common Chemical Name:

URETHANE SYSTEM RESIN COMPONENT

Synonyms:

NONE

Molecular Formula:

MIXTURE

Chemical Family: Not Applicable

Molecular Wt.: NOT ESTABLISHED

SECTION 2 – INGREDIENTS

Chemical Name:	CAS	Amount
POLYOL PEL/TLV NOT ESTABLISHED	PROPRIETARY	> 85.0 %
SURFACTANT PEL/TLV NOT ESTABLISHED	PROPRIETARY	< 1.0 %
CATALYST PEL/TLV NOT ESTABLISHED	PROPRIETARY	< 2.0 %
HYDROFLUOROCARBON	460-73-1	> 5.0%

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview

Color: Amber

Form/Appearance: Liquid

Odor: Amine

WARNING STATEMENT:

CAUTION:

CONTACT WITH THE EYES AND SKIN MAY CAUSE IRRITATION. INHALATION MAY RESULT IN IRRITATION.

Potential Health Effects

Primary Route of Exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Overexposure Effects:

Contact with the eyes and skin may result in irritation.

Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances.

Chronic Overexposure Effects:

There are no known chronic effects associated with this material.

First Aid Procedures – Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

SECTION 4 – FIRST AID MEASURES

First Aid Procedures – Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention.

First Aid Procedures – Eyes:

Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention.

First Aid Procedures – Ingestion:

If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures – Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures – Notes to Physicians:

None known.

First Aid Procedures – Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

First Aid Procedures – Special Precautions:

None

SECTION 5 – FIRE FIGHTING MEASURES

	Typical	Low/High	Deg.	Method
Flash Point:	> 90		C	OPEN CUP

Auto Ignition: NOT AVAILABLE

Extinguishing Media:

Use water, dry extinguishing media, carbon dioxide (CO₂) or foam.

Fire Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

Unusual Hazards:

There are no known unusual fire or explosion hazards.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General:

Spills should be contained, solidified and placed in suitable containers for disposal at a licensed facility.

SECTION 7 – STORAGE AND HANDLING

General:

Store in a ventilated storage area between 70-90 F. Avoid excessive temperatures, low or high. Avoid moisture.

Other Storage and Handling Data:

No other specific storage requirements.

SECTION 8 – PERSONAL PROTECTION

Clothing:

Gloves, coveralls, apron, boots as necessary to prevent skin contact.

Eyes:

Chemical goggles; also wear a face shield if splashing hazard exists.

Respiration:

Approved organic vapor mist respirator as necessary.

Ventilation:

Use local exhaust to control vapors/mists.

Explosion Proofing:

None required.

Other Personal Protection Data:

Avoid contact with skin as required by good normal hygiene practices.

SECTION 9 – PHYSICAL PROPERTIES
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Color:	Amber		
Form/Appearance:	Liquid		
Odor:	Amine		
Odor Intensity:	Mild		
	Typical	Low/High	U.O.M.
Specific Gravity:	NOT AVAILABLE		
Bulk Density:	9		LB/GAL
Viscosity:	700		CENTIPOISE @ 23 DEG.
pH:	NOT AVAILABLE		
	Typical	Low/High	Deg. @ Pressure
Boiling Pt:	NOT AVAILABLE		
Freezing Pt:	NOT AVAILABLE		
Decomp. Tmp:	NOT AVAILABLE		
Solubility in Water Description:	Slightly Soluble		
pH: Basic			

SECTION 10 – STABILITY AND REACTIVITY
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Stability Data:
Stable

Incompatibility:
Avoid moisture to protect product quality.

Conditions/Hazards to Avoid:
Exposure to moisture and temperatures > 80F.

Hazardous Decomposition/Polymerization:
Hazardous decomposition products: CO and CO2.

Corrosive Properties:
Not corrosive.

Oxidizer Properties:
Not an oxidizer

Other Reactivity Data:
None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

No applicable data for this section.

SECTION 12 – ECOLOGICAL INFORMATION
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No applicable data for this section.

SECTION 13 – DISPOSAL CONSIDERATION

Waste Disposal:

Incinerate in a licensed facility. Do not discharge into waterways or sewer systems.

Container Disposal:

Steel drums must be emptied (as defined by RCRA, Section 261.7 or state regulations that may be more stringent) and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer, or an approved landfill. Drums destined for a scrap dealer or landfill must be punctured or crushed to prevent reuse.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

N/A

DOT Technical Name:

N/A

DOT Primary Hazard Class:

N/A

DOT Secondary Hazard Class:

N/A

DOT Label Required:

N/A

DOT Placard Required:

N/A

DOT Poison Constituent:

N/A

PSP Commodity Codes:

UN/NA Code:

E/R Guide:

Bill of Lading Description:

NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION

SECTION 15 – REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory: YES

RCRA Haz. Waste No.: N/A

CERCLA: NO **Reportable Qty.:** (If YES)

SARA TITLE III; SECTION 313: NOT LISTED

THIS PRODUCT MAY CONTAIN ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND/OR OTHER REPRODUCTIVE HARM.

SECTION 16 – OTHER INFORMATION

Hazard Ratings:

PSP currently uses the National Paint & Coating Association (NPCA) rating system. The use of an asterisk (*) in the HMIS rating indicates the potential for chronic health effects.

	Health:	Fire:	Reactivity:	Special:
HMIS	1	1	1	NA

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