



MATERIAL DATA SAFETY SHEET

1.5 Lb Foam A-SIDE

850709 Highway 17, Yulee, Florida 32097 Phone: 877-772-9629

SECTION 1 - MATERIAL IDENTIFICATION

Product Name: 1.5 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 Diisocyanate	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

VAPORDENSITY: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.



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.



850709 Highway 17, Yulee, Florida 32097 Phone: 877-772-9629

MATERIAL DATA SAFETY SHEET 1.5 Lb B-SIDE

1. PRODUCT IDENTIFICATION HMIS RATINGS

Product Name: 1.5 Lb B Side

Product Class: Mixed Polyols

2. COMPOSITION

Component % CAS#

Tris(2-chloropropyl) Phosphate 3 1-15 13674-84-3

Tetrabromo Benzenedicarboxylic Acid 1-15 77098-07-8

Methylate Resin 1-10 50-00-0

Aromatic Diamine 1-20 340020-79-3

Polyether Polyol 1-40 025221-30-7

3. HAZARDS IDENTIFICATION

Effects of over-exposure: Eyes– possible injury. Inhalation: odor considered annoying. Skin: moderate irritation causing redness or drying. Ingestion: small amounts are not likely to cause injury. Avoid inhalation of atomized chemical and smoke when burning.

4. FIRST AID

Emergency procedures must be conducted for incidental eye contact. Flush immediately for 15 minutes and then obtain medical attention. For skin contact, simply wash with soap and water. For ingestion, induce vomiting and contact physician.

5. FIRE FIGHTING

Flash Point: NA. Extinguishing media: Water fog, CO₂, Dry Chemical, Chemical Foam. Low explosion hazard.

6. ACCIDENTIAL SPILLAGE

Contain spill using absorbent material or wipe up. Then place waste in open container to dry.

7. HANDLING AND STORAGE

Effects of over-exposure: Eyes– possible injury. Inhalation: odor considered annoying. Skin: moderate irritation causing redness or drying. Ingestion: small amounts are not likely to cause injury. Avoid inhalation of atomized chemical and smoke when burning.

8. EXPOSURE



850709 Highway 17, Yulee, Florida 32097 Phone: 877-772-9629

Emergency procedures must be conducted for incidental eye contact. Flush immediately for 15 minutes and then obtain medical attention. For skin contact, simply wash with soap and water. For ingestion, induce vomiting and contact physician.

9. PHYSICAL PROPERTIES

Flash Point: NA. Extinguishing media: Water fog, CO₂, Dry Chemical, Chemical Foam. Low explosion hazard.

10. REACTIVITY

This product is stable. It is incompatible with alkali, earth metals and strong acids. Hazardous decomposition products: CO₂, CO, NO₂. Hazardous polymerization will not occur. Avoid isocyanates and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

NA

12. ECOLOGICAL INFORMATION

N/A.

13. DISPOSAL

Follow hazardous control procedures and deliver containers to hazardous waste facility.-

14. TRANSPORT AND REGULATORY INFORMATION

Land Transport DOT: Non-regulated

Sea Transport IMDG: Non-regulated

Air transport ICAO/IATA: Non-regulated

15. DISCLAIMER INFORMATION:

The information given is to the best of our knowledge correct with no representation of warranty, expressed or implied. No statements herein are to be construed as inducements to infringe any relevant patent. Seller shall not be liable for any incidental, consequential or indirect use of this product. Data herein must be confirmed by Buyer by testing for its intended use.