

# Safety Data Sheet

POLYURETHANE FOAM

Revised: 3/9/2016



Crest Foam Industries

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## SECTION 1: PRODUCT IDENTIFICATION

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**PRODUCT NAME:** POLYURETHANE FOAM  
SDS VALID FOR ALL POLYETHER AND POLYESTER POLYURETHANE FOAMS

**MANUFACTURER:** CREST FOAM INDUSTRIES INC.  
100 CAROL PLACE  
MOONACHIE, NJ 07074

**EMERGENCY PHONE:** CHEMTREC 1-800-424-9300

**ADDITIONAL INFO:** 1-201-881-1137

**DESCRIPTION:** Crest Foam polyurethane foam is a uniform, homogeneous cellular material widely used in cushioning, filtration and many other applications. While this product is classified as an Article under the Hazard Communication Standard, this SDS is provided to help users and emergency responders in the case of fire or other emergency.

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## SECTION 2: HAZARD(S) IDENTIFICATION

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### GHS CLASSIFICATION

**Physical Hazards:** None  
**Health Hazards:** None  
**Environmental Hazards:** None

### GHS LABELLING:

**Symbols:**  

**Signal Word:** **WARNING**

**Hazard Statement:** None Required

### Precautionary Statements

1. Wear protective gloves and eye protection. Use in a well ventilated area. Wash hands thoroughly after handling.
2. In case of ingestion or rash call a poison control center or your physician.
3. Once ignited polyurethane foam will burn, producing intense smoke and flames.  
In case of fire use water spray or dry powder to extinguish flames.
4. Store in a cool dry place. Store in a well ventilated area.
5. Dispose of in accordance with applicable laws and regulations.

### NFPA CLASSIFICATION:

HEALTH: 0      FLAMMABILITY: 1      REACTIVITY: 0

### HMIS CLASSIFICATION:

# Safety Data Sheet

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HEALTH: 0      FLAMMABILITY: 1      REACTIVITY: 0      PPE: C

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT	CAS No.	Wt %
Polyurethane Foam	9009-54-5	100%

Polyurethane foam is a homogeneous solid and is classified as an article under OSHA Hazard Communication Standard.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Dusts may be irritating. If exposed flush thoroughly with water.  
**SKIN:** Rubbing against skin can cause abrasion. Use reasonable caution when handling.  
**INGESTION:** No special treatment required.  
**INHALATION:** May be irritating to respiratory tract. Avoid breathing in dusts.

### Recommended PPE

Protective gloves, dust mask, eye protection

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## SECTION 5: FIRE-FIGHTING MEASURES

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### FIRE HAZARDS

Polyurethane foam will burn if exposed to an ignition source generating intense heat and dense smoke. Foam may smolder and reignite. Dusts in the air pose a risk of explosion. Treat this material as a flammable solid.

### EXTINGUISHING MEDIA

Water spray, Dry chemical, Foam, Carbon dioxide

### PROTECTION FOR FIRE-FIGHTERS

Use self-contained breathing apparatus

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### PRECAUTIONS:

Keep storage areas clean and free of dusts. Keep away from heat sources. Keep in a well-ventilated area. Sweep or vacuum dusts.

Accumulated dusts may clog drains and sewers. Keep drains cleared.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING and STORAGE:** Do not smoke in areas where foam is present. Keep away from heat sources. Keep storage areas clear of accumulated dust and debris. Warehouses should be fully sprinklered with a minimum of six feet clearance maintained between foam blocks and the sprinkler heads. Storage areas should be well ventilated.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**EXPOSURE:** No exposure guidelines have been established for this product.

**Recommended PPE:** Protective gloves, dust mask, eye protection

# Safety Data Sheet

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Uniform cellular solid in various colors  
**ODOR:** Negligible  
**pH:** NA (Not Applicable)  
**MELTING POINT:** NA  
**FREEZING POINT:** NA  
**BOILING POINT:** NA  
**EVAPORATION RATE:** NA  
**FLAMMABILITY:** Flammable solid  
**UEL/LEL:** NA  
**VAPOR PRESSURE:** NA  
**VAPOR DENSITY:** NA  
**BULK DENSITY:** 0.8 to 30 lb/ft<sup>3</sup>  
**RELATIVE DENSITY:** NA  
**SOLUBILITY IN WATER:** Not soluble  
**PARTITION COEFF:** NA  
**AUTO IGNITION TEMP:** 600° F to 650° F  
**DECOMPOSITION TEMP:** 365° F to 400° F  
**HAZARDOUS DECOMPOSITION PRODUCTS:** When heated to decomposition temperature toxic gasses, primarily oxides of carbon and nitrogen but including small quantities of isocyanates and hydrogen cyanide, may be produced.  
**VISCOSITY:** NA

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## SECTION 10: STABILITY AND REACTIVITY

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**REACTIVITY:** Stable under normal conditions  
**CHEMICAL STABILITY:** Hazardous polymerization will not occur  
**INCOMPATIBILITIES:** Strong oxidizing agents, strong acids and bases  
**CONDITIONS TO AVOID:** High temperatures, sparks, open flames

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**ACUTE TOXICITY:** None known  
**CHRONIC EFFECTS:** None known  
**ROUTES OF EXPOSURE:** Inhalation, eye contact by dusts  
**CARCINOGENICITY:** None known  
**MUTAGENICITY:** None known  
**TARGET ORGANS:** None

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL TOXICITY:** None known

**BIODEGRADABILITY:** No data available

**OTHER ECOLOGICAL HAZARDS:** None known

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Waste polyurethane foam is not a hazardous waste as defined under RCRA 40 CFR 261

Disposal of polyurethane wastes may be subject to other national, state or local regulations.

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## SECTION 14: TRANSPORT INFORMATION

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**DOT REGULATION:** This product is not hazardous as defined in 49 CFR 172.101

**SHIPPING NAME:** NA

**HAZARD CLASS:|** NA

**UN/NA No.:** NA

**EMERGENCY RESPONSE GUIDE:** NA

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## SECTION 15: REGULATORY INFORMATION

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**TSCA:** Not regulated

**CERCLA:** Not regulated

**SARA TITLE III:** Not regulated

**CLEAN AIR ACT:** Not regulated

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## SECTION 16: OTHER INFORMATION

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1. Do not expose polyurethane foam to welding, smoking materials, naked lights, open flames, space heaters, burning operations, other ignition sources or other heat or flames. Once ignited polyurethane foam will burn rapidly, releasing great heat and consuming oxygen at a high rate in an enclosed space. Deficiency of oxygen with hazardous gases and smoke released by the burning foam can be incapacitating or fatal to human beings if inhaled. This warning and other suitable warnings should be passed on by you to all subsequent users and ultimate customers of products which will contain this polyurethane foam.
2. In case of fire, fire-fighting personnel must utilize SCBA equipment while in confined areas.
3. This SDS has been prepared in good faith using the most accurate and up to date information available to Crest Foam Industries.