



MATERIAL SAFETY DATA SHEET

No.: TSP3101-MSDS

Date: 03/2012

I. PRODUCT IDENTIFICATION

Trade Name: Thermasheath® Plus-3
Generic Name: Insulation Board
Chemical Name: Polyisocyanurate Foam

CAS #: None Assigned
Formula: Polyisocyanurate

Manufacturer: Rmax Operating, LLC
13524 Welch Road
Dallas, Texas 75244

Telephone: 972-387-4500
Email: Rmax@rmax.com
Web Site: www.rmax.com

II. PRODUCT INGREDIENTS

INGREDIENT NAME	CAS NUMBER	PERCENT*	PERMISSABLE EXPOSURE LIMIT
Polyisocyanurate Foam	9063-78-9	99	5 mg/m ³ nuisance (respirable dust)
Foil/Glass Fiber Mat Facer	None	< 1	
Foil/Kraft Paper Facer	None	< 1	

* % varies with thickness of core material

III. PHYSICAL DATA

Appearance and Odor: Rigid foam board with foil facers. Various thicknesses. No odor.

Boiling Point: N/A
Vapor Pressure: N/A
Water Solubility: N/A
Vapor Density (air = 1): N/A

Evaporation Rate: N/A
Specific Gravity: 0.03
Melting Point: N/A
% Volatile by Volume: N/A

IV. FIRE AND EXPLOSION DATA

Flash Point: N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: CO₂, foam, water fog, dry chemical
Unusual Fire or Explosion Hazards: Polyisocyanurate foam is combustible.
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus.
NFPA Flammable/Comb.Liquid Class: N/A
Auto-Ignition Temperature: N/A

V. HEALTH HAZARDS A. SUMMARY / RISKS

Summary: No known acute or chronic health hazards. Dusts generated from product are considered nuisance dusts. This product is not considered to be a carcinogen.

Medical Conditions Which May Be Aggravated: Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema, and asthma.

Target Organ(s): Respiratory System.

Acute Health Effects: Transitory irritation or inflammation of upper respiratory system.

Chronic Health Effects: No permanent effects have been reported.

Primary Entry Route(s): Inhalation

V. HEALTH HAZARDS B. SIGNS / SYMPTOMS OF OVEREXPOSURE

Inhalation: Congestion, irritation or tickle in throat or nose.

Skin Contact: Transient mechanical irritation or rash.

Skin Absorption: None.

Ingestion: None.

Eyes: Transient mechanical irritation or inflammation.

V. HEALTH HAZARDS C. FIRST AID / EMERGENCY PROCEDURES

Inhalation: Remove to fresh air.

Skin Contact: Wash affected areas with soap and warm water.

Skin Absorption: N/A

Ingestion: N/A

Eyes: Flush with copious quantities of water. If irritation persists, consult a physician.

VI. REACTIVITY DATA

Material is stable. Hazardous polymerization cannot occur.

Chemical Incompatibilities: Strong oxidizing agents.

Conditions to Avoid: Sources of flame and ignition.

Hazardous Decomposition Products: CO, CO₂, HCN.

VII. SPILL OR LEAK PROCEDURES

Procedures for Spill/Leak: Pick up pieces and vacuum clean dusts. If sweeping is necessary, use a dust suppressant.

Waste management: Non-hazardous wastes as defined by RCRA (40 CFR 261). Method of disposal - Landfill. RQ - N/A

VIII. SPECIAL PROTECTION INFORMATION

Eyes: Goggles or safety glasses are recommended when using power cutting tools.

Hands: Gloves are not normally required.

Respirator: Use a respirator suitable for nuisance dusts.

Ventilation: Recommended at source of any mechanical cutting.

Other: N/A

Special Conditions For Repair/Maintenance of Equipment: Use proper respiratory protection when possibility of exposure to product dusts exists.

IX. SPECIAL PRECAUTIONS

Storage Segregation: N/A

Hazard Classes: N/A

Special Handling/Storage: Store in cool, dry area away from sources of heat, flame, ignition and strong oxidizing agents.

Other: N/A

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