

# Rmax

## Material Safety Data Sheet

No.: TSX4101-MSDS

Date: 02/2008

### I. PRODUCT IDENTIFICATION

Trade Name: TSX-8500/8510  
Generic Name: Insulation Board  
Chemical Name: Polyisocyanurate Foam

CAS#: None Assigned  
Formula: Polyisocyanurate

Manufacturer: Rmax  
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Dallas, Texas 75244

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### II. PRODUCT INGREDIENTS

INGREDIENT NAME	CAS NUMBER	PERCENT*	PERMISSABLE EXPOSURE LIMIT
Polyisocyanurate Foam	9063-78-9	99	5 mg/m <sup>3</sup> 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: CO<sub>2</sub>, 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, CO<sub>2</sub>, 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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