

Cornell Corporation

Material Safety Data Sheet

This document is prepared pursuant to the OSHA Hazard Communication Standard
(29 CFR 1910.1200).

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Section 1: Company Identification and Chemical Product

Manufacturer's

Name: Cornell Corporation
Address: 808 S. Third Street
P.O. Box 338
Cornell, WI 54732
Telephone: 715-239-6411 or Toll Free 1-877-439-6411
Emergency: CHEMTREC 1-800-424-9300 (24 hours everyday)

Trade Name and Synonyms: **ThermRIM, Insulated Rim Board**

Introduction:

ThermRim Insulated Rim Board is manufactured/assembled using rigid foam insulation board, which is completed polymerized polyisocyanurate rigid cellular plastic material, sandwiched between layers of oriented strand board sheathing and OSB Rim Board engineered wood.

Section 2: Hazardous Ingredients/Identity Information

<i>CAS#</i>	<i>Component</i>	<i>Percent (Approx.)</i>
N/A	Polyisocyanurate foam	25-40
N/A	Paper Facing	0-10
109-66-0	Pentane (2)	0-6
287-92-3	Cyclopentane (2)	0-5
78-78-4	Isopentane (2)	0-5
13674-84-5	Tris (monochloropropyl) Phosphate	0-5
1333-86-4	Carbon	0-1
50-00-0	Formaldehyde	0-1
N/A	Wood Dust	

Contact Cornell Corporation for Additional Component Information.

Section 3: Physical/Chemical Characteristics

Boiling Point (° F)	N/A*	Specific Gravity (H ₂ O) =1	N/D**
Melting Point	N/A*	Solubility in Water	Insoluble
Vapor Pressure (mmHg)	N/A*	Volatile by Volume	N/A*
Vapor Density (Air = 1)	N/A*	Evaporative Rate	N/A*

Appearance and Odor: (Polyisocyanurate Foam) - White or cream colored solid with a black fiberglass facing, and with no odor. (Oriented Strand Board/OSB Rim Board) – Light to dark tan colored solid with limited odor.

*N/A = Not Applicable

**N/D = Not Determined

Section 4: Fire and Explosion Hazard Data

Flash Point	N/A*
Flammable Limits	40 grams of dust per cubic meter of air is often used as the lowest explosion limit for wood dust.
Auto Ignition	N/D*
Combustion Products	CO ₂ , CO, possible traces of HCN and NO _x
Fire Hazards	Foam will burn and should not be left exposed. Under certain fire conditions, combustible gases can be generated creating rapidly spreading, high intensity flames and dense, black smoke. Wood dusts may ignite at temperatures in excess of 400°F
Extinguishing Method Firefighting Procedure	Water, CO ₂ , dry chemical, foam, sand Firefighters should wear self-contained breathing equipment and full protective clothing

*N/A = Not Applicable

**N/D = Not Determined

Section 5: Reactivity Data

Stability (Conditions to Avoid)	Stable, avoid sources of ignition.
Incompatibility (Materials to Avoid)	Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide, and dimethyl formamide
Hazardous Decomposition Products	Primarily CO, CO ₂ , some HCN possible under certain conditions. Toxic constituents which may be found in wood smoke include carbon monoxide, aldehydes, and polycyclic aromatic hydrocarbons.
Hazardous Polymerization	Will not occur.

Section 6: Health Hazard Data

Primary Route(s) of Entry Inhalation

Breathing dust from this product may cause a scratchy throat, congestion, and slight coughing. Getting dust or fibers on the skin or in the eyes may cause itching, rash, or redness. Additional health and safety information including acute and chronic health hazards can be obtained by contacting Cornell Corporation.

Section 7: Precautions for Safe Handling and Use

Action to take for spills:

- Use appropriate safety equipment when cleaning all spills.

Waste disposal method:

- Dispose in accordance with federal, state, and local regulations.

Handling procedures:

- Use protective equipment as described.

Storage procedures:

- Materials should be kept clean, dry, and protected.

Section 8: Control Measures

Protective clothing:

- If excessive dust occurs, wear long sleeves, pants, and gloves to reduce irritation

Eye protection:

- ANSI approved goggles or safety glasses with side shields are recommended

Ventilation:

- Mechanical to eliminate dust in confined areas

Respiratory Protection:

- For protection against nuisance dusts, use a NIOSH/MSHA approved respirator dust mask

Section 9: Special Precautions

Handling and storage	None
Transportation	D.O.T. classifications
Additional	None

Other Information

Cornell Corporation uses a variety of raw material suppliers to manufacture/assemble the finished products, which the above information was obtained. For specific Material Handling Data Sheets references, contact Cornell Corporation.

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