



RHINO SHIELD

MATERIAL SAFETY DATA SHEET - RHINO BOARD



SECTION I - PRODUCT AND COMPONENT DATA

Ingredients	CAS Number	Wt.Percent	ACGIH TLV	OSHA PEL	STEL	TWA
Fibers (cellulose)	9004-34-6	92-96 %	10 mg/m3 *	5 mg/m3	None	None
Water	7732185	4-9 %	10 mg/m3 *	5 mg/m3	None	None

SECTION II - HEALTH HAZARD & FIRST AID INFORMATION

Primary Routes of Exposure: None expected

Signs and Symptoms of Overexposure: This product is not a hazardous material, but may release a nuisance dust in converting processes. Eye, nose and throat irritation may occur with prolonged exposure to high dust concentrations.

SUB CHRONIC AND CHRONIC HEALTH EFFECTS:

No applicable information was found concerning any potential health effects resulting from subchronic or chronic exposure to the product.

Carcinogenicity: NTP: No

IARC: No

OSHA: No

Aggravated Medical Conditions: None known

Note: This product is not expected to present health hazards under normal use.

ACUTE HAZARDS:

Primary Routes of Exposure: None expected

Eye Contact: This product in dust form may cause eye irritation.

Skin Contact: Prolonged contact with this product does not cause skin irritation. This product is not expected to be hazardous through dermal absorption and no cases of skin sensitization have been reported.

Ingestion: This product is not expected to be hazardous by ingestion. If ingested in large amounts, nausea, vomiting and diarrhea are possible.

Inhalation: This product is not expected to present an inhalation hazard. Follow OSHA Standard 1910.1000 "Air Contaminants"

OSHA Total Nuisance Particulate:

PEL: 15 mg/m³ 8 hour TWA

ACGIH: 10 mg/m³

FIRST AID:

Eyes: Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or later develops.

Skin: Not expected to require first aid measures. May wash with soap and water.

Ingestion: Not an expected route of overexposure.

Inhalation: Not an expected route of overexposure.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A Specific Gravity (H₂O = 1): 1.0

Vapor Pressure (mm Hg): N/A Freezing Point: N/A

% Volatile by Weight: 0 pH: 5.0 - 6.5 In Solution, Or 7.0

Vapor Density (Air = 1): N/A Evaporation Rate: (Butyl Acetate = 1) N/A

Solubility in Water: Water soaked in, not soluble

Appearance and Odor: Paper Board, White, Pink, Off-white, Yellow, Brown, Blue, etc. No odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 500°F or greater Flammable Limits: LEL %: N/A, UEL %: N/A

Extinguishing Media: Water or extinguishing media appropriate for surrounding fire, CO₂, foam, dry chemicals, etc.

Special Fire Fighting Procedures: None (see Fire Department)

Unusual Fire and Explosion Hazards: None (see Fire Department)

SECTION V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition or Byproducts: Carbon Monoxide, Carbon Dioxide and Sulfur Oxides,

Hazardous Polymerization: Will Not Occur Conditions to Avoid: None

SECTION VI - PERSONAL PROTECTION & CONTROL MEASURES

RESPIRATORY PROTECTION: Not normally necessary. If so necessary, use only NIOSH certified devices

PROTECTIVE CLOTHING: Not normally necessary.

EYE PROTECTION: Not normally necessary. Safety glasses may be worn during converting processes.

LOCAL EXHAUST: Not necessary.

SECTION VII - HANDLING AND STORAGE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Normal housekeeping. Nuisance dust should be contained, swept and placed in suitable containers.

WASTE DISPOSAL METHOD:

1. Recycle the entire paper product.
2. Dispose of according to local, state and federal regulations.

TSCA STATUS: No ingredients of this product are listed by the Toxic Substances Control Act (TSCA).

RCRA STATUS: This product as sold would not be considered a Resource Conservation and Recovery Act (RCRA) hazardous waste.

CERCLA REPORTABLE QUANTITY OF EPA HAZARDOUS SUBSTANCE IN PRODUCT: None.

SARA TITLE III: Section 302 Extremely Hazardous Substances: None.

Section 311 and 312 Health and Physical Hazards:

Immediate: None.

Delayed: None.

Fire: Yes.

Pressure: None.

Reactivity: None.

Section 313 Toxic Chemicals: None.

TRANSPORTATION: DOT Hazard Classification: Not Regulated

Placard Required: None.

UN/NA Code: None

Labeling Requirement: None.

SECTION VIII - OTHER INFORMATION

The information and recommendations contained herein are based upon the data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful health effects which may be caused by misuse of our products. Customers/users of Rhino Fiber Paper products must comply with all applicable health and safety laws, regulations, and orders.