



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **3R 831**
 Identity: EPDM rubber
 Description: Ethylene Propylene Diene Terpolymer Rubber Formulation

SUPPLIER

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INFORMATION ON INGREDIENTS AND HAZARDS

Hazardous Components	CAS#/ Chemical Identity	Exposure limits		Amount Weight%
		OSHA PEL-TWA	ACGIH TLV-TWA	
Talc	14807-96-6	20 mppcf	2 mg/m ³	< 0.1%(surface dust)

This compound is a proprietary formulation thus, the chemical constituency is considered confidential. Therefore, this and other similar proprietary formulations are exempt from disclosure requirements pursuant to the Freedom of Information Act. The talc is used as an anti-stick agent on the surface of the sheet after the sheet is processed.

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: n/a
 Freezing point: n/a
 Vapor pressure (mmhg): n/a
 Vapor density (air=1): n/a
 Appearance and odor: black – slight odor
 Specific gravity (h₂O=1): 1.10 ± 0.03
 Ph: n/a
 Evaporation rate: n/a
 Solubility in water: insoluble

FIRE AND EXPLOSION HAZARD DATA

Flash point (method): n/a
 Flammable limits : LEL: n/a UEL: n/a
 Extinguishing media: Water spray, foam, co₂ dry chemical
 Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing
 Unusual fire and explosion hazards: None known
 Hazardous combustion products: Various elemental oxides (c,n) and uncombusted hydrocarbons

REACTIVITY AND STABILITY DATA

Stability: Stable
 Conditions to avoid: Very high temperatures
 Incompatibility (materials to avoid): Strong oxidizers and reducing agents
 Hazardous decomposition by-products: Various elemental oxides (C,N) and uncombusted hydrocarbons
 Hazardous polymerization: Will not occur

ACCIDENTAL RELEASE MEASURES

Avoid dust generation. Sweep, scoop or place in a suitable container for reuse or disposal.

HANDLING AND STORAGE

See section “*Exposure control/ personal protection*”

EXPOSURE CONTROL/ PERSONAL PROTECTION

Respiratory protection: (specify type) a NIOSH/MSHA approved dust/mist respirator for dust concentrations above the OSHA PEL limits.

Ventilation: Local exhaust: recommended

Mechanical (general): if dust level reaches above PEL or TLV levels.

Protective gloves: cotton recommended

Eye protection: safety glasses recommended

Other protective clothing or equipment: none

Work/hygienic practices: practice good hygiene by washing thoroughly before eating and/or smoking

HEALTH HAZARD DATA

Primary routes of exposure:

Inhalation: Slight skin contact: slight

Eye contact: Slight ingestion: unknown

Health hazards:

Acute: Contact with eyes and skin may cause irritation in certain individuals. Inhalation of talc and rubber dust generated from grinding on the product may irritate the respiratory tract.

Chronic: Talc may contain crystalline silica at levels > .1% _ 1%. Iarc has determined that there is limited evidence for the carcinogenicity of crystalline silica to humans and sufficient evidence for experimental Animals. Long term excessive exposures may cause severe and/or permanent lung damage.

Carcinogenicity: NTP LARC OSHA

Crystalline silica None Probable human (group 2a) None

Signs and symptoms of exposure: see acute health hazards.

Medical conditions generally aggravated by exposure: breathing of talc and rubber dust generated from grinding on the product may aggravate the cardiovascular system and the lungs.

FIRST AID MEASURES

Inhalation: Remove from exposed area.

Skin contact: Wash from skin with soap and water. Remove and launder contaminated clothing before reuse.

Eye contact: Flush with plenty of water for at least 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface. If irritation persists, seek medical attention.

Ingestion: If conscious, give large quantities of water to induce vomiting. Hold head below hips to prevent

Aspiration: Get medical attention.

DISPOSAL CONSIDERATION

Dispose of in accordance with all Federal, State and local regulations.

DISCLAIMER

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.