



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **3R 817**
 Identity: Economical Diaphragm Sheet
 Description: Neoprene, SBR and Nitrile rubber

SUPPLIER

Industries 3R inc.
 55, route 116 Ouest
 Danville (Québec) J0A 1A0
 Tel: 819-839-2793
 Fax: 819-839-2797

<u>HAZARDOUS INGREDIENTS</u>	<u># CAS</u>	<u>%</u>	<u>T.L.V.</u>	<u>LD50</u>
Carbon Black	1333-86-4	1 - 5	3.5 mg/ m ³	>8000 mg/kg (oral-rat)
Crystalline Silica (Quartz)	14808-60-7	0.1 – 1.0	0.05 mg/ m ³	7950 mg/kg
Kaolin	1332-58-7	10 – 30	10 mg/ m ³	N/D

PHYSICAL PROPERTIES

Appearance and odor: Black solid material, rubber odor.
 Boiling Point (°C): N/A (Not Applicable)
 Specific Gravity (H₂O=1) : 1.44 (approx.)
 Vapor Density (Air=1): N/A
 Melting Point (°C): N/D (Not Determined)
 Evaporation Rate: N/A
 Solubility in Water (%): Insoluble
 Volatile Matter (% Vol.): N/D
 Vapor Pressure (mm Hg): N/A
 pH: N/D

FIRE AND EXPLOSION HAZARD DATA

Flammable: No
 Flash Point (°C): N/D
 Method: N/D
 Auto-Ignition Temperature (°C): N/D
 Flammable Limits (% Vol. In air): Lower Limit: N/D Upper Limit: N/D
 Extinguishing Media:

Water Spray (X)
 Water Fog ()
 Carbon Dioxide ()
 Foam (X)
 Dry Chemical (X)
 Others()

Special fire-fighting procedures: Wear adequate respiratory protection.

Unusual fire and explosion hazards: Fire hazard when exposed to flame. Thermal degradation produces flammable hydrocarbon. Molten product causes burn when in contact with skin. Dense smoke, explosions hazard with the flammable substance released.

REACTIVITY DATA

Stability: Unstable () Stable (X)

Conditions to avoid: N/D

Hazardous polymerization: May occur () Will not occur (X)

Conditions to avoid: N/D

Incompatibility (materials to avoid): N/D

- Water ()
- Base ()
- Oxidizing agents ()
- Acid ()
- Corrosive ()
- Others ()

Hazardous decomposition products: Can emit oxides of carbon, sulfur and hydrocarbons.

PREVENTIVE MEASURES

Ventilation: When heated provide adequate ventilation to remove smoke and fumes from work area.

Respiratory protection: None required with adequate ventilation.

Eye protection: Safety glasses.

Hand protection: Gloves.

Other protective equipment: None.

Handling: Practice good personal hygiene.

Storage: Store in a dry and fresh place.

SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Reuse material or dispose.

Waste disposal method: Follow local, provincial and federal regulations. Recycle if possible.

HEALTH HAZARD DATA

Absorption route: Skin (X) Eyes (X)
Inhalation (X) Ingestion ()

Effects or overexposure: The solid ingredients listed in *section Hazardous ingredients* are incorporated into the product and will not be released. They are provided for information. No acute effect expected.

Skin: Contact not expected to be harmful.

Eyes: Not expected to be harmful.

Inhalation: Not expected to be harmful.

Ingestion: N/A

FIRST AID PROCEDURES

Skin: Wash with soap and water.

Eyes: Flush with water and remove the dirt particles.

Inhalation: Move the person to fresh air, give artificial respiration if necessary.

Ingestion: Call a physician.

DISCLAIMER

The information, details, dimensions and values indicated are to our best knowledge. We recommend testing according to local conditions. The specifications are subject to change without notice.