

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 : COMPANY IDENTIFICATION

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SECTION 2 : MATERIAL NAME & ITS COMPOSITION DETAILS

Material Name: EPShield60 X - Black

Product Code: RS-EPsL(X)-EPDM14060-BLAPP-CD

Vulcanized Rubber Sheets are made from the blend of good quality dry Natural Rubber, Synthetic Rubber, Containing additives such as antioxidants, mineral fillers and chemicals for vulcanization.

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid Sheet	Working Temperature Range:	-30° to +90°C
Odor	Characteristic	Specific Gravity:	1.40 ± 0.05
Color	Black	Tensile Strength:	5.0 MPa (Min)
Solubility in water	Insoluble	Elongation at Break:	250%
Billing Point	Not Applicable	Hardness:	60 ± 5° Shore A

SECTION 4 : HAZARD IDENTIFICATION

RISK : None under normal operating conditions.

SAFETY : None under normal operating conditions.

ACUTE HEALTH EFFECTS AND FIRST AID MEASURES (FAM)

EYE CARE:	Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness.
FAM:	If this product comes in contact with eyes, wash out immediately with water. If irritation continues, seek medical attention.
SKIN CARE:	The material does not produce adverse health effects or skin irritation following contact. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
FAM:	If skin or hair contact occurs, Flush skin and hair with running water (and soap if available), Seek medical attention in event of irritation.
SWALLOWING:	Ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual, following ingestion. It may cause discomfort in the intestinal tract.
FAM:	Consult doctor.
INHALING:	The material does not produce adverse health effects or irritation of the respiratory tract following contact. Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
FAM:	In case of discomfort, consult doctor.
PROLONGED HEALTH EFFECTS	The additives are mixed in the rubber and do not present a hazard during handling at room temperature.
FAM:	In case of prolonged discomfort, doctors are advised to treat the symptoms.

SECTION 5 : FIRE FIGHTING MEASURES
EXTINGUISHING MEDIA

Carbon Dioxide

Dry Chemical Powder

Water Spray or fog – Large fires only

Foam

FIRE FIGHTING

1. Wear breathing apparatus plus protective gloves.
2. Alert Fire Brigade and tell them location and nature of hazard.
3. Use water delivered as a fine spray to control fire and cool adjacent area.

FIRE / EXPLOSION HAZARD

Non combustible Not considered a significant fire risk, however product may burn.

SECTION 6 : HANDLING & STORAGE

SUITABLE CONTAINER	No restriction on the type of containers. Packing as recommended by manufacturer. Check all material is clearly labeled
STORAGE INCOMPATIBILITY	No known incompatibility with normal range of industrial materials.
STORAGE REQUIREMENTS	Special storage precautions not required.
TRANSPORTATION	No restrictions.

SECTION 7 : HANDLING , TRANSPORTATION & STORAGE

SUITABLE CONTAINER	No restriction on the type of containers. Packaging as recommended by Manufacturer. Check all the material is clearly labeled.
STORAGE INCOMPATIBILITY	Avoid compression or folding. Store in cool, dry conditions away from heat, sunlight, artificial light, and ozone.
STORAGE	Matting should be stored in their container or package. Care should be taken to ensure that the matting is not compressed, folded, or stored in proximity to steam pipes, radiators or other sources of artificial heat or exposed to direct sunlight, artificial light or other sources or ozone. It is desirable that the ambient temperature be between 10°C and 21°.

SECTION 8 : STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable at normal temperature and storage condition.
CONDITIONS TO AVOID	Overheating
INCOMPATIBILITY WITH OTHER MATERIALS	No specific information is available, however strong oxidizing or reducing agents which are generally not compatible with the sheets.
HAZARDOUS DECOMPOSITION PRODUCTS	Fumes produced when heated to decomposition temperatures may contain styrene, carbon monoxide, carbon-dioxide, sulfur-di-oxide, aromatic and aliphatic hydrocarbons and nitrogenous products.

SECTION 9 : DISPOSAL CONSIDERATIONS

Preferred options for disposal are :

1. Recycling

2. Incineration with energy recovery

3. Landfill

The high fuel value of this product makes option 2 very desirable for material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial and local regulations.

SECTION 10 : TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name: Not regulated

Hazards Class: Not regulated

SECTION 11 : OTHER INFORMATION

Export Notification Status: This product does not contain any components subject to export notification requirements.

Important Note: This information is furnished without warranty, expressed or implied, as to accuracy or completeness. This information is obtained from various sources including the manufacturer and other third party sources. The safety data only describes the products in aspect to their safety requirements.