

MATERIAL SAFETY DATA SHEET

This product is not considered hazardous under OSHA Right-to-Know in the USA or controlled under WHMIS in Canada.

1. IDENTIFICATION

SUPPLIER: GNR Technologies Inc.

990 Upton
Ville Lasalle, Quebec
H9R 2T9
Tel: (514) 366-6116
Fax: (514) 366-6440

PRODUCT NAME: Recycled Rubber-Fiber - Polyurethane Composite

Applies to following Recycled Rubber products:

- Recycled Rubber Adjustment Risers
- Rubber Speed Bumps
- Rubber Parking Curbs
- Rubber Delineator Bases
- Rubber Dock Bumpers
- Rubber Anti-Vibration Pads
- Rubber Barricade Legs
- Rubber Wheel Chocks
- Rubber Ramps for temporary elevated utility access holes
- Traffic Barrel Bases, etc.

CHEMICAL NAME: Not Apply

CHEMICAL FAMILY: Not Apply

FORMULA: Not Apply

MOLECULAR WEIGHT: Not Apply

SYNONYMS: Not Apply

CAS NUMBER: Not Apply

CAS NAME: Not Apply

2. PHYSICAL DATA

BOILING POINT: Not Apply
760 mm Hg

FREEZING POINT: Not Apply

SPECIFIC GRAVITY: 1.12
(H₂O =1)

VAPOR PRESSURE: Not Apply
at 20°C

VAPOR DENSITY: Not Apply
(air =1)

SOLUBILITY IN WATER: Insoluble
(% by wt)

PERCENT VOLATILE: Not Apply
(by volume)

EVAPORATION RATE: Not Apply
(Butyl Acetate =1)

APPEARANCE and ODOR: Black or painted in yellow color with slight rubber odor

EMERGENCY TELEPHONE NUMBER: (514) 366-6116

3. HAZARDOUS INGREDIENTS

NAME	CAS #	% BY WEIGHT	HAZARDS
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Under OSHA Right-to-Know criteria, this product does not contain hazardous ingredients.
Under WHMIS criteria, this product does not contain controlled ingredients.

4. EXPOSURE LIMITS AND TOXICOLOGICAL DATA

TLV-TWA ppm ACGIH 1995-96	LD50 Rat oral	LC50 Rat inhalation	LD50 Rabbit skin
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Not Applicable

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Apply
[Test method(s)]

FLAMMABLE LIMITS IN AIR, % by volume: Not Apply

EXTINGUISHING MEDIA:

Use water, water fog, alcohol-type or all-purpose-type foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not Av.

6. HEALTH HAZARD DATA**SWALLOWING:**

Unlikely route of exposure. No sign of intoxication expected.

SKIN ABSORPTION:

No absorption expected.

INHALATION:

Inhalation of dust generated in cutting operations at room temperature may irritate the respiratory tract. At high temperatures, solvents, monomers (isoprene, styrene and butadiene) and decomposition products (HCN, HCl, CO, CO₂, SO, SO₂, H₂S, benzene, toluene, PAH) may evolve and cause irritation, asphyxia, central nervous system damage and ultimately death.

SKIN CONTACT:

Dermatitis caused by frequent contact and dust generated by cutting operations.

EYE CONTACT:

Irritation from dust generated by cutting operations.

EFFECTS OF REPEATED EXPOSURE:

Dermatitis in "rubber sensitive" individuals.

7. EMERGENCY AND FIRST AID PROCEDURES**SWALLOWING:**

Consult a physician.

SKIN:

If dermatitis occurs, consult a physician.

EYES:

If exposed to dust, flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

INHALATION:

Remove to fresh air. Consult a physician if symptoms persists.

EYE PROTECTION:

No specific requirement but it is good practice to wear safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None currently known

11. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store away from combustibles and heat.

12. PREPARATION

MSDS PREPARED FOR GNR Technologies Inc. BY: JC CONSULTANTS (Jacques Cerf)

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DATE: May 5,1996

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N.B. This information is given in good faith, though no warranty, expressed or implied, can be given since results may vary in accordance with applications.