

MATERIAL SAFETY DATA SHEET

Manufacturer:

North West Rubber Ltd
33850 Industrial Ave
Abbotsford, BC. Canada V2S7T9

EMERGENCY PHONE NUMBER
800-663-8724 or 604-859-2002

Section 1- Product Information

Product Trade Name:	Red Barn®, Surehoof®, MAGNUMmat, SportFloor® Classic, Arena Flex, Turf Rubber, Ground Rubber (all meshes)	Chemical Family Name:	Styrene-butadiene polymer SBR
CAS Number:	None	NA Number:	N/A
EC Classification:	Not designated hazardous; Council Directive 67/548/EEC		
Formula:	Not specific for this class of compound		

Section 2 - Hazardous Ingredients

Hazardous Ingredients	CAS Number	Percent (%)	ACGIH (TLV-TWA)	OSHA (PEL-TWA)
Aromatic Oil	N/A	5-30%	5mg/M3 M	5mg/M3 M
Zinc Oxide	1314-13-2	1-5%	10mg/M3 T	5mg/M3 R
Carbon Black	1333-86-4	10-40%	3.5mg/M3	3.5mg/M3
Toluene	108-88-3	<0.1%	100ppm	100ppm
n-Hexane	110-54-3	<0.6%	50ppm	50ppm

T = Total Dust

R = Respirable Dust

M = Mist

Section 3 - Physical Data

Appearance and Odor:	Solid material black color, rubber odor		
Boiling Point (°C)	N/A	Evaporation Rate:	N/A
Specific Gravity:	1.10-1.20	Solubility in Water (%Vol):	Insoluble
Vapor Density (Air = 1):	N/A	Melting Point (°C):	N/D
Vapor Pressure (mm of Hg):	N/A	PH:	N/D

Section 4 - Fire and Explosion Data

Flash Point (°C):	N/A
UEL:	Not established for product
Flammable Limits LEL:	Not established for product
Extinguishing Method:	Water Spray, Water Fog, Carbon Dioxide, Dry Chemical
Auto Ignition Temperature (°C):	N/D
Flammable Limits (% Vol. in Air)	
Lower Limited:	N/D

Upper Limited:	N/D
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Special Fire Fighting Procedure:	Use self-contained breathing apparatus. Unprotected personnel should leave the area.
Unusual Fire and Explosive Hazards:	Not easily ignited. However, when ignited a hot and difficult fire may result. This material emits acrid smoke and fumes when burning. Combustion products will include CO, CO ₂ , Nitrogen Oxides, and Hydrogen Sulphide.
NFPA Fire Hazards Identification System:	Health (1) Fire (1) Reactivity (0)

Section 5 – Reactivity Data

Conditions Causing Instability:	Excessive heat and open flames
Incompatibility (Materials to Avoid):	Prolonged contact with strong oxidizers, acids, caustics, solvents, and oils
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrogen sulphide, hydrogen gas, silicon dioxide, zinc oxide, nitrogen oxides
Special Sensitivity:	N/A

Section 6 – Preventative Measures

Ventilation:	When heated, provide adequate ventilation to remove smoke and fume from work area.
Respiratory:	If exposure levels exceed those listed in section 4 of MSDS, approved respiratory protection should be worn.
Eye Protection:	N/A
Protective Gloves:	Employees who have prolonged contact with this material should practice good personal hygiene by frequent washing of the hands and arms with soap and water. Wear gloves if practical.

Section 7 – Spill or Leak Procedures

Steps to be taken in case material is spilled or released:	Pick up pieces, sweep or shovel any crumbs for refuse or disposal. If dust conditions exist, use dust mask.
Waste disposal method:	Landfill in accordance with applicable environment control regulations. Recycle if possible.

Section 8 – First Aid Measures

Threshold Limit Value:	N/A
Effects of Overexposure:	N/A
Emergency and First Aid Procedures:	No procedures are expected to be required for handling this material.
Eye Contact:	For irritation, flush with large amount of water.
Inhalation:	If overcome by exposure, remove victim to fresh air.
Skin Contact:	Wash with soap and water.
Ingestion:	Call a physician.

Section 9 – Preparation/Shipping Information

DOT Shipping Name:	N/A
Freight Description:	Flat rubber sheets and/or bulk bags
Special Handling:	None
Special Storage:	Keep away from heat and open flames
Special Packaging:	None
Other Precautions:	None

North West Rubber Ltd. believes that the information herein is correct at the date that this Material Data Safety Sheet was prepared. The data may not be exhaustive and should only be used as a guide to determine the best conditions for the safe use of the product. **NWR** is not responsible for any injury or liability resulting from misuse of this product.

Prepared by:	Phone number:	Preparation Date:
Arnie Melissen	800-663-8724 or 604-859-2002	October 28, 2014