

MATERIAL SAFETY DATA SHEET
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I. PRODUCT CHEMICAL & PHYSICAL CHARACTERISTICS

PRODUCT NAME Ground Rubber	SOLUBILITY IN WATER Insoluble
APPEARANCE Black granular powder	ODOR Trace smell of vulcanized rubber
SPECIFIC GRAVITY 1.13 to 1.27	MELTING POINT N/A
VAPOR PRESSURE N/A	VAPOR DENSITY N/A
EVAPORATION RATE N/A	BOILING POINT N/A

II. HAZARDOUS INGREDIENTS

<u>MATERIAL (CAS)</u>	<u>% WT.</u>	<u>ACGIH/TLV</u>	<u>OSHA/PEL</u>
NAPHTHENIC/AROMATIC OIL(64742-01-4)	LESS THAN 25%	3 mg/M3	6 mg/M3
CARBON BLACK (1333-86-4)	LESS THAN 35%	3.5 mg/M3	3.5 mg/M3
TALC, RESPIRABLE DUST(14807-96-6)	LESS THAN 5%	2.0 mg/M3	2.0 mg/M3
ZINC COMPOUNDS(1314-13-2)	LESS THAN 3%	10 mg/M3	10 mg/M3

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Ignition temperature of dust cloud **FLAMMABLE LIMITS** N/A
 608° F. approximately**

EXTINGUISHING MEDIA Water, foam, dry powder, water fog (DO NOT USE HIGH PRESSURE WATER)

FIRE FIGHTING PROCEDURES Heavy smoke and noxious gases may be formed under fire conditions, wear NIOSH approved breathing equipment.

UNUSUAL FIRE/EXPLOSION HAZARDS *Dust may be explosive if mixed with air in critical proportions in the presence of an ignition source

**Estimates based on data for 200 mesh synthetic & crude hard rubber dust; information contained in the NFPA Fire Protection Handbook.

PRODUCT RTI GROUND RUBBER

IV. REACTIVITY INFORMATION

STABLE Yes

CONDITIONS TO AVOID Storage near fire or flame.
Storage of hot material in hoppers due to potential spontaneous combustion.

HAZARDOUS DECOMPOSITION OR BY BY-PRODUCTS Thermal decomposition may produce carbon monoxide, carbon dioxide, zinc fume, sulfur dioxide, liquid and gaseous hydrocarbons.

V. HEALTH HAZARDS

ROUTE OF ENTRY Inhalation

CARCINOGENICITY Rubber is not listed as a carcinogen

SIGNS AND SYMPTOMS OF EXPOSURE Skin itching, irritation of mucous membranes, eye irritation

MEDICAL CONDITIONS CAUSED BY EXPOSURE Could potentially aggravate allergies, due to dust exposure and/or inhalation

EMERGENCY PROCEDURES Wash with soap and water. Ordinary methods of personal hygiene are appropriate

VI. SAFE HANDLING

IF SPILLED Sweep or vacuum into disposal containers

WASTE DISPOSAL METHOD Product is not defined as hazardous waste. Follow Federal, State, and/or Local regulations

HANDLING AND STORING Do not store near open flame or ignition source

OTHER PRECAUTIONS If material burns, oils will be released. These must be disposed of by following Federal, State or Local regulations.

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VII. CONTROL MEASURES

RESPIRATORY PROTECTION Use any dust and mist respirator for up to 10 mg/M³

VENTILATION Yes

PROTECTIVE GLOVES Recommended

EYE PROTECTION Use safety goggles to prevent dust entry

WORK/HYGIENIC PRACTICES Good personal hygiene, frequent washing with soap and water of exposed areas, remove and clean contaminated clothing