

MATERIAL SAFETY DATA SHEET



Crumb Rubber

Manufactured by reRubber LLC
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PRODUCT IDENTIFICATION/CHEMICAL & PHYSICAL CHARACTERISTICS

PRODUCT NAME	Crumb Rubber	SOLUBILITY IN WATER	Insoluble
APPEARANCE	Black Granular Powder	ODOR	Slight Smell of Vulcanized Rubber
SPECIFIC GRAVITY	1.0 – 1.5	MELTING POINT	N/A
VAPORE PRESSURE	N/A	VAPOR DENSITY	N/A
EVAPORATION RATE	N/A	BOILING POINT	N/A

HAZARDOUS INGREDIENTS

MATERIAL (CAS)	WT %	OSHA PEL	(AVGIHTLV)
Vulcanized Rubber Compound	Approx. 99%	N/A	N/A
FLASH POINT: Ignition Temperature of dust cloud 320 degrees Centigrade (608 F) approximately		FLAMABLE: LIMITS	N/A

FIRE AND EXPLOSION HAZARD DATA

LEL - .025 OZ/CU.FT> *	UEL: N/A
EXTINGUISHING MEDIA WATER)	Water, foam, dry powder, encapsulating fire Suppressant (DO NOT USE HIGH PRESSURE
SPECIAL FIRE FIGHTING PROCEDURES conditions	Noxious gases may be formed under fire West NIOSH approved self contained apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Dust may be explosive if mixed with air in critical Proportions and in the presence of an ignition

HAZARDOUS INGREDIENTS – HEALTH HAZARD DATA

STABLE: Yes	CONDITIONS TO AVOID: Conditions that will cause burning.
INCOMPATIBILITY: (Materials to avoid)	Avoid strong oxidizing agents
HAZARDOUS DECOMPOSITION OF BYPRODUCTS	Thermal decomposition may produce carbon monoxide, carbon dioxide, zinc oxide fumes/dust, sulfur dioxide, liquid and gaseous hydrocarbons
HAZARDOUS POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: Do not store hot materials in hoppers due to possibility of spontaneous combustion
ROUTES OF ENTRY:	Inhalation
HEALTH HAZARD (Acute and Chronic)	Product can contain fine fiber that may cause itching. Otherwise not known. Material is generally thought to be nuisance dust.
CARCINOGENICITY	Rubber is not listed as a carcinogen.
SIGNS AND SYMPTOMS OF EXPOSURE	Itching of skin, irritation of mucous membranes, sneezing and coughing, irritation of eyes.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	Not known; could potentially aggravate allergies due to dust exposure/inhalation
EMERGENCY AND FIRST AID PROCEDURES	Normal washing of skin with soap and water. Ordinary means of personal hygiene are adequate

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Sweep or vacuum for disposal
WASTE DISPOSAL METHOD	Product not defined as hazardous waste. Dispose In accordance with federal, state, and local Regulations
PRECAUTIONS IN HANDLING AND STORAGE	Do not store near flame or ignitions sources. Do not store hot material In tubs or containers where spontaneous ignition could occur.
OTHER PRECAUTIONS	If material burns, an oily residue will result. Residue must be disposed in accordance with federal, state, and local regulations
RESPIRATORY PROTECTION (Specify Type)	Dust & mist respirator noted for up to 10mg/m3.

CONTROL MEASURES

VENTILATION: Yes	LOCAL EXHAUST: Yes if dusty conditions occur.
SPECIAL: None	MECHANICAL (General): Dust collector and exhaust fans.
PROTECTIVE GLOVES: Recommended	EYE PROTECTION: Safety goggles to prevent dust entry
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Enough fresh air should flow past the user to prevent exposure to airborne fibers and particles
WORK/HYGENE PRACTICES	Good personal hygiene; frequent washing with soap and water of exposed areas; remove and clean solid clothing

The information contained in this MSDS is consistent with the U.S. Department of Labor OSHA Form OMB 1218-0072. Consult OSHA Hazard Communication Standard 29 CFR 1910.1200 for additional information. To fully understand the use of any material the user should avail themselves of reference material and expert consultation in the fields of fire prevention, ventilation and toxicology.