



Crumb Rubber

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MATERIAL SAFETY DATA SHEET

B.A.S. Recycling, Inc.
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Emergency Phone Number (951) 214-6590

I. PRODUCT IDENTIFICATION/CHEMICAL & PHYSICAL CHARACTERISTICS

PRODUCT NAME	Crumb Rubber	SOLUBILITY IN WATER	Insoluble
APPEARANCE	Black particles	ODOR	Slight smell of vulcanized rubber
SPECIFIC GRAVITY	1.00 to 1.20	MELTING POINT	N/A
VAPOR PRESSURE	N/A	VAPOR DENSITY	N/A
EVAPORATION RATE	N/A	BOILING POINT	N/A

II. HAZARDOUS INGREDIENTS

MATERIAL (CAS)	WT %	OSHA PEL (ACGIH TLV)	
Vulcanized Rubber Compound	Approx. 99%	N/A	N/A

FLASH POINT: ignition temperature of dust cloud 320 degrees centigrade.

FLAMMABLE LIMITS: N/A

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Ignition temperature of dust cloud: Approximately 320C (608F).

LEL .025 ounces/cubic foot. **UEL** N/A

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

SPECIAL FIRE FIGHTING PROCEDURES Noxious gases may be formed under fire conditions. Wear NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS *Dust may be explosive if mixed with air in critical proportions and in the presence of an ignition source. The hazard is similar to that of many organic solids.

*Estimate based on data for 200 mesh synthetic and crude hard rubber dust: information contained in the NFPA Fire Protection Handbook.

IV. REACTIVITY DATA

STABLE Yes.

CONDITIONS TO AVOID Conditions that will cause ignition or burning.

INCOMPATIBILITY (materials to avoid) Avoid strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS Thermal decomposition may produce carbon monoxide, carbon dioxide, zinc oxide fume/dust, sulfur dioxide, liquid and gaseous hydrocarbons.

HAZARDOUS POLYMERIZATION Will not occur.

V. HEALTH HAZARD DATA

HEALTH HAZARDS (Acute and Chronic) This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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 eye.

EMERGENCY AND FIRST AID PROCEDURES Normal washing of skin with soap and water, ordinary means of personal hygiene are adequate.

VI. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Sweep or vacuum into disposal containers.

WASTE DISPOSAL METHOD Product not defined as a hazardous waste. Dispose of in accordance with federal, state, and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store near flame or ignition source.

OTHER PRECAUTIONS If material burns, oils will be released. These must be disposed of in accordance with federal, state, and local regulations.

VII. CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type) Use any dust and mist respirator for up to 10mg/m³

VENTILATION Yes.

LOCAL EXHAUST Yes, if dusty conditions occur.

SPECIAL None.

MECHANICAL (General) Dust collectors and exhaust fans.

PROTECTIVE GLOVES Recommended.

EYE PROTECTION Use 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/HYGIENIC PRACTICES Good personal hygiene, frequent washing with soap and water of exposed areas, remove and clean soiled clothing.

The information contained in this MSDA is consistent with the U.S. Department of Labor OSHA Form OMB No. 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.