

MATERIAL SAFETY DATA SHEET

6/18/01 AS OF 6/18/01

INTERNATIONAL MULCH COMPANY
EMERGENCY TELEPHONE: (314) 336-1030

1 MULCH LANE

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ST. LOUIS, MO 63044
EVENINGS/WEEKENDS: (314) 336-1030

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: RUBBERIFIC MULCH
LAST REV. DATE: 6/18/01

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	%WEIGHT	OSHA PEL	(ACGIHTLY)
VULCANIZED RUBBER COMPOUND		-98%	N/A	N/A
PERSONAL PROTECTION:	HMIS			
QUARTZ	14808-60-7	.0002-.002%	10	0.1 (RESP)
CALCIUM CARBONATE	471-34-1	.02-.06%	15	10

N/A = Not Available ND = No Data

SECTION 3: PHYSICAL DATA

BOILING RANGE	N/A
EVAPORATION RATE	N/A
WEIGHT PER GALLON	
VAPOR DENSITY	N/A
VOLATILE BY WEIGHT	None
VOLATILE BY VOLUME	None
SPECIFIC GRAVITY:	0.95 to 1.40
VOC:	None
PHOTOCHEMICAL REACTIVITY	
APPEARANCE	Shredded rubberific
ODOR	Slight smell of vulcanized rubberific
SOLUBILITY IN WATER	Insoluble

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION

OSHA:

FLASH POINT: Ignition temperature of dust cloud (approx. 320°C (608°F))
LOWER EXPLOSIVE LIMIT (LEL): 0.25 oz/cu.ft.
UPPER EXPLOSIVE LIMIT (UEL): N/A
EXTINGUISHING MEDIA: Water, foam, dry powder (do not use high pressure water)

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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.

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

Estimates based on data for 200 mesh synthetic and crude hard rubber dust,
Information contained in the NFPA Fire Protection Handbook

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Itching of skin, irritation of mucous membranes, sneezing and coughing, irritation of eyes

CARCINOGENICITY: Rubber is not listed as a carcinogen

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Not known; however, 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.

SECTION 6: REACTIVITY DATA

STABILITY: Yes

CONDITIONS TO AVOID: Conditions that will cause burning

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong oxidizing agents

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

HAZARDOUS POLYMERIZATION: Will not occur

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SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep or vacuum into disposal containers

WASTE DISPOSAL METHOD:

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

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use any dust and mist respirator for up to 10mg/m³

VENTILATION:

Yes

LOCAL EXHAUST:

Yes, if dusty conditions occur

MECHANICAL:

(General) dust collectors and exhaust fan

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/HYGIENE PRACTICES:

Good personal hygiene, frequent washing with soap and water of exposed areas, remove and clean soiled clothing

SECTION 9: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKE IN HANDLING AND STORAGE:

Do not store near flame or ignition source. Do not store hot material in tube or containers where spontaneous combustion could occur.

OTHER PRECAUTIONS:

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

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SECTION 10: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Ingredients are on the TSCA list.

SARA SECTION 312 HAZARD CATEGORIES: N/A

SARA SECTION 313 STATUS: N/A

D.O.T. HAZARD CLASS: N/A

The information contained herein is based on data available to us and is believed to be correct. However, International Mulch Company makes no warranty, express or implied. Consult International Mulch Company for further information.