

R M ENGINEERED PRODUCTS INC -- RM 303 -- 5330-00-197-8495

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Product Identification
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Product ID:RM 303
MSDS Date:09/01/1991
FSC:5330
NIIN:00-197-8495
MSDS Number: BMTLV
=== Responsible Party ===
Company Name:R M ENGINEERED PRODUCTS INC
Address:4854 O HEAR DR
Box:5205
City:NORTH CHARLESTON
State:SC
ZIP:29406-4926
Country:US
Info Phone Num:803-744-6261
Emergency Phone Num:803-744-6261
Prepa
rer's Name:E K HAASON
CAGE:10009
=== Contractor Identification ===
Company Name:R M ENGINEERED PRODUCTS, INC.
Address:4854 O'HEAR AVENUE
Box:City:NORTH CHARLESTON
State:SC
ZIP:29405
Country:US
Phone:843-744-6261
CAGE:10009

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Composition/Information on Ingredients
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Ingred Name:ASBESTOS, CHRYSOTILE
CAS:12001-29-5
RTECS #:CI6478500
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:2 FIBERS/CC; A1;9192

Ingred Name:GRAPHITE, SYNTHETIC
CAS:7440-44-0
RTECS #

:FF5250100
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingrid Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chroni

c:ACUTE:MINOR EYS/SKIN IRRITATION.

INGESTION- IRRITATION OF GI TRACT. INHALATION-IRRITATION OF
RESPIRATORY TRACT. CHRONIC: ASBESTOSIS, LUNG CANCER, &
MESOTHELIOMA, ALL OF WHICH ARE DISABLING AND FATAL D ISEASES OF THE
LUNG. INHALATION AND INGESTION OF ASBESTOS FIBERS MAY CAUSE CANCER
OF THE BOWEL.

Explanation of Carcinogenicity:ASBESTOS IS A KNOWN HUMAN CARCINOGEN.

Effects of Overexposure:INHALATION: FATIGUE AND SHORTNESS OF BREATH
THAT GETS WORSE WITH TIME AND EVENTUALLY

BECOMES DISABLING. EYES:

IRRITATION. SKIN: IRRITATION. INGESTION: MILD STOMACH DISTRESS.
DIARRHEA, VOMITING, AND NA USEA.

Medical Cond Aggravated by Exposure:ASTHMA, EMPHYSEMA, AND TUBERCULOSIS
ARE ALL GENERALLY AGGRAVATED BY EXPOSURE TO ASBESTOS FIBERS.

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===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: RINSE
THOROUGHLY WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH
THOROUGHLY WITH SOAP AND

WATER. IF IRRITATION PERSISTS, SEE DOCTOR.

INGESTION: DIL UTE WITH WATER. DO NOT INDUCE VOMITING.SEE DOCTOR.

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===== Fire Fighting Measures =====

Flash Point:NOT REQUIRED

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE ALL
NON-ESSENTIAL PERSONNEL.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT

OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== Accidental Release Measures =====

Spill Release Procedures:VACUUM THE MATERIAL WITH A HEPA FILTERED
VACUUM. THE EQUIPMENT SHALL BE USED & EMPTIED SO AS TO MINIMIZE THE
RE-ENTRY OF ASBESTOS INTO THE WORKPLACE. OTHERWISE, WET THE
MATERIAL WITH WATER & SURFACTAN T AND THEN SHOVEL OR MOP UP
CONTAMINATION.

===== Handling and Storage =====

Handli

ng and Storage Precautions:MATERIAL IS NONFRIABLE & WILL NOT SHED
FIBERS IN NORMAL USE AND STORAGE.

Other Precautions:IF IT IS NECESSARY TO CUT OR IMPACT THE MATERIAL
WHILE INSTALLING IT, WEAR A RESPIRATOR AND PROTECTIVE CLOTHING.
USED MATERIAL SHALL BE IDENTIFIED AND DISPOSED OF IN ACCORDANCE
WITH ALL LOCAL, STATE A ND FEDERAL REGULATIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR A NIOSH/MSHA
AP

PROVED HEPA RESPIRATOR IF REQUIRED.

Ventilation:LOCAL EXHAUST SUFFICIENT TO ENTRAIN ALL PARTICULATE
EMISSIONS. HEPA FILTER REQUIRED. NO LEAKS ON PRESSURE SIDE OF FAN.

Protective Gloves:COTTON OR LEATHER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:USE COVERALLS OR DISPOSABLE CLOTHING.

Work Hygienic Practices:WET WORK TO THE DEGREE POSSIBLE. WASH HANDS
AFTER HANDLING GASKET. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

MANUFACTURER STAT

ES: PRODUCT IS CLASSIFIED AN ARTICLE AND DOES NOT NEED

AN MSDS UNDER NORMAL CONDITIONS OF USE. IF MATERIAL IS MISUSED OR
MISHANDLED OR IS GROUND,CUT, OR MACHINED AND DUST CREATED THEN THE
MSDS IS APPLICABLE.

===== Physical/Chemical Properties =====

HCC:T6

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY SOLID, NO ODOR.

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials

to Avoid: YES

STRONG OXIDIZING AGENTS, HYDROFLUORIC ACID, AND STRONG ALKALIS.

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: OXIDES OF CARBON. OTHER POSSIBLE TOXIC DECOMPOSITION FUMES.

===== Disposal Considerations =====

Waste Disposal Methods: WET THE MATERIAL WITH WATER AND SURFACTANT. PLACE IN 6 MIL THICK POLYETHYLENE PLASTIC BAG. PLACE THESE BAGS INTO ANOTHER POLY BAG OR A SAFE PLACE UNTIL IT CAN BE SHIPPED TO AN APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING LABEL.

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