

RM ENGINEERED PRODUCTS INC -- RM 303 -- 5330-00-197-8490

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Product Identification  
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Product ID:RM 303  
MSDS Date:09/01/1991  
FSC:5330  
NIIN:00-197-8490  
MSDS Number: BPQRD  
=== Responsible Party ===  
Company Name:RM ENGINEERED PRODUCTS INC  
Address:4854 O HEAR AVE  
Box:5205  
City:NORTH CHARLESTON  
State:SC  
ZIP:29406  
Country:US

Info Phone Num:803-744-6261  
Emergency Phone Num:803-744-6261

Preparer's  
Name:E.K. HASSON  
CAGE:0DCP7

=== 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  
Company Name:RM ENGINEERED PRODUCTS INC  
Address:4854 O HEAR AVE  
Box:City:NORTH CHARLESTON  
State:SC  
ZIP:29406  
Country:US  
Phone:803-744-6261  
CAGE:0DCP7

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Composition/Information on Ingredients  
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Ingred Name:ASBESTOS, CHRYSOTILE  
CAS:12001-29-5  
RTECS #:CI647

8500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:2 FIBERS/CC; A1;9293

Ingred Name:GRAPHITE, SYNTHETIC  
CAS:7440-44-0  
RTECS #:FF5250100  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:ZINC (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic: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 =====  
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First Aid:I

NHALATION: 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: DILUTE WITH WATER. DO NOT INDUCE VOMITING. SEE DOCTOR.

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

Flash Point: NOT REQUIRED

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

Fire Fighting Procedures: EVACUATE NON-ESSENTIAL PERSONNEL. WEAR FIRE

FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

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 & SURFACTANT AND THEN SHOVEL OR MOP UP CONTAMINATION.

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

Handling and Storage Precautions: ITEM IS NONFRIABLE & WILL NOT SHED FIBERS IN NORMAL USE AND STORAGE. USED ITEMS SHALL BE WETTED BEFORE, DURING & AFTER DISASSEMBLY.

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

LOCAL, STATE AND FEDERAL REGULATIONS.

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

Respiratory Protection: WEAR A NIOSH/MSHA APPROVED HEPA RESPIRATOR IF REQUIRED. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

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

SES OR GOGGLES

Other Protective Equipment:USE COVERALLS OR DISPOSABLE CLOTHING.

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

Supplemental Safety and Health

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

HCC:T6

Solubility in Water:INSOLUBLE

Appearance and Odor:GREY SOLID, NO ODOR

Percent Volatiles by Volume:0

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

Stab

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, AND STRONG ALKALIS

Stability Condition to Avoid:ACCUMULATIONS OF DUST

Hazardous Decomposition Products:OXIDES OF CARBON, AND 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 PL

ACE UNTIL IT CAN BE SHIPPED TO AN

APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING  
LABEL.

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