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

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 N

ame: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

======= Composition/Information on Ingredients ========

Ingred Name: ASBESTOS, CHRYSOTILE

CAS:12001-29-5 RTECS #:Cl6478 500

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

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

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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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:A

SBESTOS IS A KNOWN HUMAN CARCINOGEN.

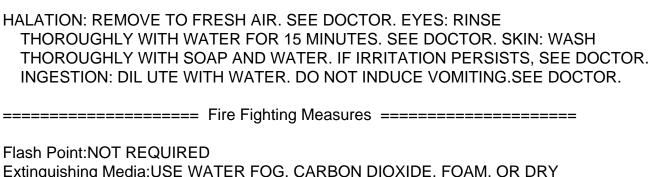
Effects of Overexposure:INHALATION: FATIGUE AND SHORTNESS OF BREATH THAT GETS WORSE WITH TIME AND EVENTUALLY BECOMES DISABLING. EYES:

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.

First Aid:IN



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 W

ITH WATER & SURFACTAN T 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 ACC ORDANCE WITH ALL

LOCAL, STATE AND FEDE RAL 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 GLASS

ES OR GOGGLES

Other Protective Equipment:USE COVERALLS OR DISPOSABLE CLOTHING.
Work Hygienic Practices:WET WORK TO THE DEGREE POSSIBLE. WASH HANDS
AFTER HANDLING ITEM. LAUNDER 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 =========

Stabi

lity 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 PLA

CE UNTIL IT CAN BE SHIPPED TO AN

APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING LABEL.

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