

R M ENGINEERED PRODUCTS, INC. -- RM 303 PACKING -- 5330-00-197-8492

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Product Identification  
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Product ID:RM 303 PACKING

MSDS Date:04/24/1991

FSC:5330

NIIN:00-197-8492

MSDS Number: BJYSR

=== Responsible Party ===

Company Name:R M ENGINEERED PRODUCTS, INC.

Address:4854 O'HEAR AVENUE

City:NORTH CHARLESTON

State:SC

ZIP:29406

Country:US

Info Phone Num:803-744-6261

Emergency Phone Num:803-74

4-6261/803-744-0461

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

Fraction by Wt: 35-40%

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  
Fraction by Wt: 5-10%  
Other REC Limits:NONE SPECIFIED  
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 SPECIFIED  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM  
CAS:64742-52-5  
RTECS #:PY8035000  
Other REC Limits:NONE SPECIFIED

Ingred Name:MONEL WIRE (MAY INCLUDE TRACE  
AMOUNTS OF NI, CU, PB, C, MN,  
FE, S, TI, COBALT)  
Other REC Limits:NONE SPECIFIED

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: TRACE  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:DUST MAY CAUSE  
SKIN/EYE

IRRITATION. CHRONIC:OVEREXPOSURE TO ASBESTOS MAY LEAD TO NUMEROUS  
RESPIRATORY PROBLEMS ASSOCIATED WITH ASBESTOSIS. OVEREXPOSURE TO  
THIS METALLIC FORMULATION CAN CAUSE ALL ERGIC DERMATITIS, FUME  
FEVER, FLU-LIKE SYMPTOMS, METALLIC TASTE AND IRRITATION SYMPTOMS,  
NAUSEA, MUSCLE PAIN.

Explanation of Carcinogenicity:ASBESTOS AND NICKEL/NICKEL COMPOUNDS ARE  
RECOGNIZED HUMAN CARCINOGEN AND ARE LISTED BY IARC, NTP OR OSHA AS  
CARCINOGENS

Effects of Overexposure:ASBE

STOSIS IS ASSOCIATED WITH SYMPTOMS OF LABORED BREATHING, CHEST PAIN AND CHEST TIGHTNESS. SYMPTOMS ARE NOT USUALLY MANIFEST UNTIL 15-20 YEARS AFTER EXPOSURE. METAL FUME FEVER WITH FLU LIKE SYMPTOMS (CHILLS AND FEVER - SHOULD DISAPPEAR WITHIN 24-48 HOURS). HIGH TEMPERATURE AND GRINDING OPERATIONS MAY BE IRRITATING

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF RESPIRATORY DISORDERS AND SMOKING MAY BE AT INCREASED RISK FROM EXPOSURE. CHRONIC EFFECTS OF ASBESTOS EXPOSURE (ASBESTOSIS, MESOTHELIOMA ETC.) MAY NOT SHOW UP FOR 10-20 YEARS

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

First Aid: EYE/SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. INGESTION IS NOT LIKELY BUT LARGE AMOUNTS CAN CAUSE PROBLEMS-SEEK MEDICAL HELP. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE.

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

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release

Procedures: VACUUM OR WASH DOWN. DO NOT DRY SWEEP AS THIS COULD RESULT IN HIGH CONCENTRATIONS OF AIRBORNE DUST.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: AVOID CREATING AIRBORNE DUST. WET SURFACES/FLOORS BEFORE SWEEPING AND USE APPROPRIATE DUST MASK. STORE AWAY FROM SOURCES OF DIRECT HEAT IN A DRY AREA.

Other Precautions: USE DUST SUPPRESSION MEASURES-AVOID CREATION OF PARTICULATE ASBESTOS. WASH

THOROUGHLY BEFORE EATING OR SMOKING.

AVOID BREATHING OF DUST. MEDICAL SURVEILLANCE IS REQUIRED FOR PROLONGED EXPOSURE TO THIS MATERIAL.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION. USE MESA /OSHA RESPIRATOR WHEN CUTTING & GRINDING

Venti

lation:CHECK GOVERNMENT STANDARDS OF EMISSION CONTROL.

Protective Gloves:COTTON OR IMPERVIOUS TYPE IF CUT/GRIND.

Eye Protection:SAFETY GOGGLES OR GLASSES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DO NOT SMOKE.

Supplemental Safety and Health

DO NOT T

AKE PROTECTIVE GEAR OR CLOTHING HOME IS EXPOSED TO DUST.

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

HCC:T6

Appearance and Odor:DARK GRAY ODORLESS SOLID.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, ALKALIES.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND METAL FUMES.

===== Disposal

Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS FOR PROPER ASBESTOS DISPOSAL. ALL WASTE MATERIALS MUST BE SEALED AND BAGGED.

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