

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

===== Product Identification =====

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:803-744-6

261/803-744-0461

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

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

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 AMO
UNTS 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

===== 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 S
KIN/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:ASBESTO

SIS 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 Condition 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

ROUGHLY 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

Ventilat

ion: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 TAKE

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 Co

nsiderations =====

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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