

R M ENGINEERED PRODUCTS INC. -- RM 325 HIGH TEMP VALVE STEM PACKING --  
5330-00-202-3315

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

Product ID:RM 325 HIGH TEMP VALVE STEM PACKING

MSDS Date:10/01/1991

FSC:5330

NIIN:00-202-3315

MSDS Number: BQXRW

=== Responsible Party ===

Company Name:R M ENGINEERED PRODUCTS INC.

Address:4854 O'HEAR AVENUE

Box:5205

City:NORTH CHARLESTON

State:SC

ZIP:29406-4926

Country:US

Inf

o Phone Num:803-744-6261/803-744-0461(FAX)

Emergency Phone Num:803-744-6261

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 =====

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC; A1;929

Ingrid Name: GRAPHITE, NATURAL  
 CAS: 7782-42-5  
 RTECS #: MD9659600  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: 15 MPPCF RDUST  
 ACGIH TLV: 2 MG/M3 RDUST; 9293

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
 Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
 Health Hazards Acute and Chronic: ALL COMPONENTS ARE ENCAPSULATED DURING  
 PROCESS AND SHOULD NOT CREATE A PROBLEM EXCEPT IF DUST/FIBERS ARE  
 CREATED BY GRINDING  
 , WELDING, ETC. UPPER RESPIRATORY DISEASES, FROM  
 INHALATION OF FUMES/FIBERS/ DUSTS AND SKIN CONDITIONS MAY RESULT.  
 LONG TERM EXPOSURE TO ASBESTOS CAN RESULT IN ASBESTOSIS AND LUNG  
 CANCER.  
 Explanation of Carcinogenicity: CONTAINS ASBESTOS WHICH IS LISTED BY NTP  
 AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.  
 Effects of Overexposure: NONE UNDER NORMAL CONDITIONS OF USE. HOWEVER,  
 IRRITATION TO EYES, NOSE, THROAT, SKIN AND UPPER RESPIRATORY SYSTEM  
 WHEN EXPOSED TO DUST, WELDING  
 FUMES AND GASES. METALLIC TASTE IN  
 MOUTH, NAUSEA, TIGHTNESS OF CHEST, FEVER, IRRITATION TO EYES, NOSE  
 AND THROAT CAN RESULT.  
 Medical Cond Aggravated by Exposure: ASTHMA, EMPHYSEMA, CHRONIC LUNG AND  
 RESPIRATORY DISEASES, AS WELL AS DERMATITIS AND OTHER PREEXISTING  
 CONDITIONS.

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

First Aid: EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF  
 IRRITATION OCCURS, SEE DOCTOR. SKIN: WASH WITH MILD SOAP AND W  
 ATER.  
 IF IRRITATION DEVELOPS, SEE DOCTOR. INHALATION: REMOVE TO FRESH  
 AIR. GIVE CPR/OXYGEN IF NEEDED. SEE DOCTOR. INGESTION: NOT LIKELY.

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

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
 CHEMICAL.  
 Fire Fighting Procedures: EVACUATE ALL NON-ESSENTIAL PERSONNEL FROM  
 AREA. WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF  
 CONTAINED BREATHING APPARATUS.  
 Unusual Fire/Explosion Hazard: C

OMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SWEEP OR SHOVEL SOLID MATERIAL. IF DUST IS  
GENERATED, SWEEP OR VACUUM IN A MANNER SO AS NOT TO CREATE ANY  
ADDITIONAL DUST.

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

Handling and Storage Precautions:NO SPECIAL REQUIREMENTS.  
Other Precautions:NONE.

===== Exposure Controls/P  
ersonal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF EXPOSURE TO DUST IS  
EXPECTED, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS.  
Ventilation:NO SPECIAL REQUIREMENT FOR NORMAL CONDITIONS. GENERAL OR  
LOCAL EXHAUST VENTILATION IF DUST CONDITIONS EXIST.  
Protective Gloves:LEATHER, COTTON OR RUBBER AS NEEDED.  
Eye Protection:NONE. SAFETY GLASSES IF DUST EXIST.  
Other Protective Equipment:SUFFICIENT CLOTHING TO PREVENT SKIN CONTACT  
IF DUST IS GENERATED.

Work

Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. FOLLOW GOOD  
INDUSTRIAL HOUSEKEEPING AND PERSONAL HYGIENE PRACTICES.

Supplemental Safety and Health  
NONE.

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

HCC:N1

Appearance and Odor:DARK GRAY SOLID, SLIPPERY TO TOUCH.

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON

MONOXIDE, CARBON DIOXIDE, OTHER  
POSSIBLE TOXIC DECOMPOSITION FUMES.

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

Waste Disposal Methods: NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. KEEP IN COVERED CONTAINERS PENDING DISPOSAL. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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