

RM ENGINEERED PRODUCTS INC -- RM 325 HIGH TEMP VALVE STEM PACKING --  
5330-00-805-8066

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

Product ID:RM 325 HIGH TEMP VALVE STEM PACKING

MSDS Date:10/01/1991

FSC:5330

NIIN:00-805-8066

MSDS Number: BPFZY

=== 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 N

um:803-744-6261

Emergency Phone Num:803-744-6261

CAGE:0DCP7

=== Contractor Identification ===

Company Name:A AND M AEROSPACE INC

CAGE:6Z800

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 #:CI6478500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBE

Ingred Name:GRAPHITE,SYNTHETIC

CAS:7782-60-7

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10MG/M3

ACGIH TLV:2 MG/M3 TOTAL DUST

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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:LONG TERM EXPOSURE TO ASBESTOS FIBERS  
CAN RESULT IN ASBESTOSIS AND LUNG CANCER. NO SIGNS OR SYMPTOMS OF  
EXPOSURE ARE SEEN UNDER NORMA

L CONDITIONS. HOWEVER, IRRITATION TO

EYES, NOSE, THROAT, SKIN AND U PPER RESPIRATORY SYSTEM WHEN EXPOSED  
TODUST, WELDING FUMES AND GASES.

Explanation of Carcinogenicity:ASBESTOS IS A KNOWN HUMAN CARCINOGEN.

Effects of Overexposure: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 PRE-EXISTING  
CO

NDITIONS.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF  
IRRITATION PERSIST, GET MEDICAL ATTENTION. SKIN: WASH WITH MILD  
SOAP AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.  
INHALATION: M OVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN. SEEK MEDICAL ATTENTION. INGESTION IS UNLIKELY.

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

Extinguis

hing Media:USE WATER SPRAY, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL FROM  
AREA. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE  
EQUIPMENT.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:VACUUM THE MATERIAL WITH A HEPA FILTERED  
VACUUM. THE EQUIPME

NT 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.

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

Handling and Storage Precautions:NONE STATED BY THE MANUFACTURER.  
Other Precautions:NONE STATED BY THE MANUFACTURER.

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===== 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 REMOVE DUST OR FUMES GENERATED.

Protective Gloves:COTTON, LEATHER OR RUBBER AS NEEDED

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:USE CLOTHING SUFFICIENT TO PREVENT SKIN CONTACT FROM DUST/FUMES AS NEEDED.

Work Hygienic Practices:AVOID CREATING DUST. FOLLOW GOOD INDUSTRIAL HOUSEKEEPING AND PERSONAL HYGIENE PRACTICES.

Supplemental Safety and Health

ALL LISTED COMPONENTS ARE PHYSICALLY BOUND AND/OR ENCAPSULATED DURING MANUFACTURING PROCESS AND POSE NO HEALTH OR SAFETY HAZARD WHEN USED AND HANDLED APPROPRIATELY IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND APPROPRIATE END USE APPLICATIONS.

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

HCC:N1

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

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===== 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, AND OTHER POSSIBLE TOXIC DECOMPOSITION FUMES.

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===== 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 PLACE UNTIL IT CAN BE SHIPPED TO

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APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING LABEL.

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