

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 Num:

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 FIBERS/

Ingred Name:GRAPHITE,SYNTHETIC

CAS:7782-60-7

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10MG/M3

ACGIH TLV:2 MG/M3 TOTAL DUST

=====
===== 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 NORMAL C

ONDITIONS. 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
CONDI

TIONS.

=====
===== 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.

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

Extinguishin

g 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.

=====
===== 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 WITH WATER & SURFACTANT AND THEN SHOVEL OR MOP UP CONTAMINATION.

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

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

=====
===== 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.

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

HCC:N1

Appearance and Odor:DARK GREY 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, 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 PLACE UNTIL IT CAN BE SHIPPED TO AN

APPROVED DISPOSAL SITE. IDENTIFY WITH ASBESTOS CANCER WARNING LABEL.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.