

RM ENGINEERED PRODUCTS INC -- RM 1840-B THERMOSET ASBESTOS PACKING --
5330-00-197-9654

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

Product ID:RM 1840-B THERMOSET ASBESTOS PACKING

MSDS Date:10/01/1991

FSC:5330

NIIN:00-197-9654

MSDS Number: BPHYF

=== Responsible Party ===

Company Name:RM ENGINEERED PRODUCTS INC

Address:4854 O'HEAR AVE

Box:5205

City:NORTH CHARLESTON

State:SC

ZIP:29406-4926

Country:US

Info Ph

one Num:803-744-6261

Emergency Phone Num:803-744-6261

Preparer's Name:E.K. HANSON

CAGE:DO604

=== Contractor Identification ===

Company Name:GERARD PACKING AND BELTING CORP

Address:24 MIDLAND AVENUE

Box:City:HICKSVILLE

State:NY

ZIP:11801

Country:US

Phone:516-935-2400

CAGE:2G277

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

Company Name:RM ENGINEERED PRODUCTS

Address:P.O. BOX 5205

Box:5205

City:NORTH CHARLESTON
State:SC
ZIP:29406
Phone:803-744-6261
CAGE:DO604

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

Ingred Name:ASBESTOS, CHRYSOTILE
CAS:12001-29-5
RTECS #:CI6478500
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:2 FIBERS/CC; A1;9192

Ingred Name:GRAPHITE
CAS:7782-60-7
Other REC Limits:10 MG/M3 (MFG)

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG/M3,1910.1025
ACGIH TLV:0.1
5 MG/M3,TDUST9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES 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 PROBLEMS EXCEPT IF DUST/FIBERS ARE
CREATED BY GRINDING, WELDING, ETC. DUST FROM ABRASIVE ACTIONS
(CUTTING, MACHINING, FILING, ETC.) MAY CONTAIN ASBES
TOS FIBERS.
OVEREXPOSURE TO AIRBORNE FIBERS MAY LEAD TO LUNG CANCER, ASBESTOSIS
AND MESOTHELIOMA.
Explanation of Carcinogenicity:ASBESTOS IS LISTED UNDER NTP,IARC AND
OSHA. LEAD IS LISTED UNDER NTP AND IARC.
Effects of Overexposure:NONE UNDER NORMAL CONDITIONS OF USE. EYES:
IRRITATION FROM AIRBORNE DUST. SKIN: IRRITATION FROM ABRASIVE
ACTION OF DUST. INHALATION: INHALATION OF AIRBORNE DUST CONTAINING
ASBESTOS FIBERS ON REPEATED EXPOSURE MAY CAUSE OR CAN LEAD TO
ASBES

TOSIS AND MESOTHELIOMA.. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA,DIARRHEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS SUCH AS ASTHMA, EMPHYSEMA, CHRONIC LUNG AND RESPIRATORY DISEASES, MAY BE AT INCREASED RISK FROM EXPOSURE. HIGHER RISK FOR SMOKERS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: MOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. OTHER: CHANGE CLOTHING AS NEEDED TO AVOID CARRYING DUST PARTICLES INTO OTHER AREAS.

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

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. CARBON DIOXIDE, DRY CHEMICAL, WATERSPRAY, FOAM.

Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. COMBUSTION MAY BREAK THE BINDER AND RELEASE ASBESTOS FIBERS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION. VACUUM OR WET CLEAN IF DUST IS INVOLVE

D. ANY VACUUM SYSTEM SHOULD BE EQUIPPED WITH AN OUTLET "HEPA" FILTER TO PREVENT REINTRODUCING ASBESTOS FIBERS TO THE ATMOSPHERE.AVOID PROCEDURES THAT MAY RESULT IN WATERPOLLUTION.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN CLEAN, DRY PLACE. HANDLE IN A MANNER TO MINIMIZE FORMATION OR RETENTION OF AIRBORNE DUST.

Other Precautions:AS MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRE

SENT

A HAZARD. ONLY WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS AND DUST IS GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME AIRBORNE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF FIBERS MAY BE RELEASED, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS.
Ventilation:NO SPECIAL REQUIREMENT UNDER NORMAL CONDITIONS.LOCAL EXHAUST IS RECOMMENDED WHERE DUST IS GENERATED BY ABRASIVE ACTIONS.

Protective Gloves:RECOMMENDED FOR SENSITIVE SKIN.
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS,OR GOGGLES
Other Protective Equipment:NONE REQUIRED FOR THE FINISHED PRODUCT.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
AVOID GENERATING AIRBORNE DUST. THIS PRODUCT IS CONSIDERED AN "ARTICLE". AS MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS AND DUST IS GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME AIRBORNE.

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

HCC:T6
Solubility in Water:NEGLIGIBLE
Appearance and Odor:GRAY SOLID. NO DISTINCT ODOR.

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

Stability Indicator/Materials to Avoid:YES
NONE KNOWN.
Stability Condition to Avoid:NONE KNOWN.
Hazardous Decomposition Products:SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, ASBESTOS FIBERS, OTHER POSSIBLE TOXIC DECOMPOSITION FUMES.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ASBESTOS DUST SHOULD BE HANDLED AS A HAZARDOUS AIR POLLUTANT I/A/W 40CFR61 SUBPART " M" PERTAINING TO ASBESTOS.

Disclaimer (provided with this information)

mation 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.