

R M ENGINEERED PRODUCTS, INC. -- LS-5155-4 PACKING -- 5330-00-543-9565

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

Product ID:LS-5155-4 PACKING

MSDS Date:08/01/1993

FSC:5330

NIIN:00-543-9565

MSDS Number: BSCWF

=== Responsible Party ===

Company Name:R M ENGINEERED PRODUCTS, INC.

Address:4854 O'HEAR AVENUE

Box:5205

City:NORTH CHARLESTON

State:SC

ZIP:29406

Country:US

Info Phone Num:803-744-6261

Emergency Phon

e Num:803-744-6261

Preparer's Name:UNREADABLE

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:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9293

Ingred Name:ZINC OXIDE

CAS:1314-13-2

RTECS #:

ZH4810000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:BARIUM SULFATE  
CAS:7727-43-7  
RTECS #:CR0600000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:GRAPHITE, NATURAL  
CAS:7782-42-5  
RTECS #:MD9659600  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2.5 MG/M3 RDUST  
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:ASBESTOS (FRIABLE) (SARA III)  
CAS:1332-21-4  
RTECS #:CI6425000  
Other REC Limits:NON  
E RECOMMENDED  
OSHA PEL:SEE 1910.1001  
ACGIH TLV:0.2 - 2 FIBERS/CC  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:MINOR EYS/SKIN IRRITATION.  
INGESTION- IRRITATION OF GI TRACT. INHALATION-IRRITATION OF  
RESPIRATORY TRACT. CHRONIC: ASBESTOSIS, LUNG CANCER, &  
MESOTHELIOMA, ALL OF WHI  
CH ARE DISABLING AND FATAL D ISEASES OF THE  
LUNG. INHALATION AND INGESTION OF ASBESTOS FIBERS MAY CAUSE CANCER  
OF THE BOWEL.  
Explanation of Carcinogenicity:ASBESTOS IS A KNOWN HUMAN CARCINOGEN.  
Effects of Overexposure:INHALATION: FATIGUE AND SHORTNESS OF BREATH  
THAT GETS WORSE WITH TIME AND EVENTUALLY BECOMES DISABLING. EYES:  
IRRITATION. SKIN: IRRITATION. INGESTION: MILD STOMACH DISTRESS.  
DIARRHEA, VOMITING, AND NA USEA.  
Medical Cond Aggravated by Exposure:SKIN CONDITIONS, CE

NTRAL NERVOUS

SYSTEM DISORDERS, ASTHMA, EMPHYSEMA, AND TUBERCULOSIS ARE ALL  
GENERALLY AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: RINSE  
THOROUGHLY WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH  
THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE DOCTOR.  
INGESTION: DILUTE WITH WATER. DO NOT INDUCE VOMITING.SEE DOCTOR.

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

Flash Point:NOT REQUIRED

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:EVACUATE NON-ESSENTIAL PERSONNEL. WEAR FIRE  
FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED  
BREATHING APPARATUS.

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

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

Spill Release Pro

cedures: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:ITEM IS NONFRIABLE & WILL NOT SHED  
FIBERS IN NORMAL USE AND STORAGE. USED ITEMS SHALL BE WETTED  
BEFORE, DURING & AFTER DISASSEMBLY.

Other Precautions:IF IT IS NECESSARY TO CUT OR IMPACT THE ITEM WHILE  
INSTALLING IT, WEAR A RESPIRATOR AND PROTECTIVE CLOTHING. USED  
ITEMS SHALL BE IDENTIFIED AND DISPOSED OF IN ACCORDANCE WITH ALL  
LOCAL, STATE AND FEDERAL REGULATIONS.

===== 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 ENTRAIN ALL PARTICULATE EMISSIONS. HEPA FILTER REQUIRED. NO LEAKS ON PRESSURE SIDE OF FAN.  
Protective Gloves:COTTON OR LEATHER  
Eye Protection:SAFETY GLASSES OR GOGGLES  
Other Protective Equipment:USE COVERALLS OR DISPOSABLE CLOTHING.  
Work Hygienic Practices:WET WORK TO THE DEGREE POSSIBLE. WASH HANDS AFTER HANDLING ITEM. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:T6  
Solubility in Water:INSOLUBLE  
Appearance and Odor:PACKING MATERIAL WITH NO CHARACTERISTIC ODOR  
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, AND STRONG ALKALIS  
Stability Condition to Avoid:ACCUMULATIONS OF DUST  
Hazardous Decomposition Products:ASBESTOS DUST

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

Was  
te 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.

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