

R M ENGINEERED PRODUCTS, INC. -- 93140-052 -- 5330-00-291-5644

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

Product ID:93140-052
MSDS Date:07/01/1991
FSC:5330
NIIN:00-291-5644
MSDS Number: BRKST
=== 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 Phone Num:803-744-6261
Preparer's Name:E.K. HANSON
CAGE:10009
=== Contractor Identification ===
Company Name:PORTER SEAL CO
Address:1401 N BOWIE DR
Box:City:WEATHERFORD
State:TX
ZIP:76086
Country:US
Phone:817-594-8771
CAGE:4F044
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:ASBESTOS, CHRYSOTILE
CAS:12001-29-5
RTECS #:CI647850

0
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:2 FIBERS/CC; A1;9293

Ingred Name:TEFLON (TETRAFLUORO ETHYLENE POLYMER) (PTFE)
CAS:116-14-3
RTECS #:KX4025000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

===== 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:NONE UNDER NORMAL CON
DITIONS OF USE.

HOWEVER, EXPOSURE TO NUISANCE DUST/FIBERS AND TEFLON FUMES FROM
MACHINING OR HEATING CAN PRODUCE FLU-LIKE SYMPTOMS WITH FEVER AND
CHILLS. CHRONIC: IF DUST GENERATE D, REPEATED EXPOSURE TO ASBESTOS
FIBERS CAN CAUSE MESOTHELIOMA AND LUNG CANCER.

Explanation of Carcinogenicity:CONTAINS ASBESTOS [12001-29-5] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION: FLU-LIKE SYMPTOMS, FATIGUE AND
SHORTNESS OF BREA

TH THAT GETS WORSE WITH TIME AND EVENTUALLY

BECOMES DISABLING. EYES: IRRITATION. SKIN: IRRITATION. INGESTION:
MILD STOMACH DISTRESS. DIARRHE A, VOMITING, AND NAUSEA.

Medical Cond Aggravated by Exposure:ASTHMA, EMPHYSEMA, AND TUBERCULOSIS
ARE ALL GENERALLY AGGRAVATED BY EXPOSURE TO ASBESTOS FIBERS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: RINSE
THOROUGHLY WITH WATER FOR 15 MINUTES. SEE DOCTO

R. SKIN: WASH

THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE DOCTOR.
INGESTION: DIL UTE 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:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE ALL
NON-ESSENTIAL PERSONNEL FROM AR

EA, STAY UPWIND.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS, INCLUDING FLUORINATED
OXIDE FUMES.

===== 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 & SURFACTAN T 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 FE
DE RAL 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

Decomp Temp:Decomp Text:550F,288C

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITISH COLORED SOLID ODORLESS MATERIAL

Percent Volatiles by Volume:0

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

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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS AND INTERHALOGEN AGENTS.

Stability Condition to Avoid: TEMPERATURES OVER 500F. ACCUMULATIONS OF DUST

Hazardous Decomposition Products: VARIOUS FLUOROCARBON FUMES, CARBON MONOXIDE AND CARBON DIOXIDE

===== 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.

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