

R M ENGINEERED PRODUCTS, INC. -- RL-1688 GROMMET,43004383 -- 5365-00-854-8007  
===== Product Identification =====

Product ID:RL-1688 GROMMET,43004383

MSDS Date:12/01/1992

FSC:5365

NIIN:00-854-8007

MSDS Number: BQSGR

=== 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

CAGE:10009

=== Contractor Identification ===

Company Name:KAMPI COMPONENTS CO., INC.

Address:210 RT 13

Box:721

City:BRISTOL

State:PA

ZIP:19007-3517

Country:US

Phone:215-736-2000

CAGE:7Z016

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

RTE

CS #:CI6478500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:2 FIBERS/CC; A1;9293

Ingred Name:POLYTETRAFLUOROETHYLENE  
CAS:9002-84-0  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:TLV FOR CHRYSOTILE ASBESTOS IS 2 F/CC.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE- NONE UNDER NORMAL CONDITIONS OF

USE. GRINDING, SANDING/MACHINING MAY PRODUCE NUISANCE PARTICULATES THAT CAN CAUSE IRRITATION OF EYES, SKIN, GI TRACT & RESPIRATORY PASSAGES. CHRONIC- LONG TERM EXPOSURE TO ASBESTOS CAN CAUSE IRREVERSIBLE ASBESTOSIS, LUNG DISEASE & LUNG CANCER. SMOKING GREATLY INCREASES THE RISKS.

Explanation of Carcinogenicity:ASBESTOS IS REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:NONE UNDER NORMAL CONDITIONS OF USE. HOWEVER, GRINDING, SANDING OR MACHINING MAY PRODUCE NUISANCE PARTICULATES

THAT CAN CAUSE IRRITATION OF EYES, SKIN, GASTROINTESTINAL TRACT AND RESPIRATORY PASSAGES. MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS SUCH AS DERMATITIS, RESPIRATORY PROBLEMS, LUNG DISEASE, BRONCHIAL HYPER-REACTIVITY OR ANY CONDITION THAT MAY BE AGGRAVATED BY NUISANCE DUST OR FIBERS.

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===== First Aid Measures =====  
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First Aid:SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP. IN CASE OF EYE IRRITATION GENTLY RINSE WITH WATER FOR 15 MINUTES WHILE KEEPING EYELIDS OPEN. DO NOT RUB EYES. SKIN: WASH FREQUENTLY WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: UNLIKELY.

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===== Fire Fighting Measures =====  
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Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:AVOID BREATHING

THING FUMES. WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:ASBESTOS FIBERS MAY BE RELEASED. FLUOROCARBON AND VARIOUS TOXIC FUMES MAY BE FORMED IN A FIRE.

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

Spill Release Procedures:TREAT DUST AS FREE ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR. WET METHOD SHOULD BE USED FOR EXTRACTION OF DUST AND DEBRIS

. HIGH EFFICIENCY PARTICULATE APPARATUS (HEPA) VACUUMS SHOULD BE USED. A VOID WATER-POLLUTION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:AVOID CREATING DUST BY SANDING OR GRINDING THE PRODUCT.

Other Precautions:USE IN WELL VENTILATED AREA. AVOID BREATHING DUST OR FIBERS. MINIMIZE CONTACT WITH SKIN. AVOID CONTACT WITH EYES. DO NOT RAISE DUST. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING

OR DRINKING. KEEP AWAY FROM REACH OF CHILDREN.

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

Respiratory Protection:USE NIOSH APPROVED HIGH EFFICIENCY FIBERS/FUMES RESPIRATOR WHEN AIRBORNE FIBER CONCENTRATIONS EXCEED THE PEL.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV. NONE NORMALLY REQUIRED.

Protective Gloves:LEATHER, COTTON OR RUBBER IF FRIABLE

Eye Protection:DUST-RESISTANT SAFETY GOGGLES IF FRIABLE

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOES, WORK

CLOTHING AND APRON AS REQUIRED. DO NOT WEAR CONTACT LENSES

Work Hygienic Practices:DON'T TAKE PROTECTIVE GEAR/CLOTHING HOME IF EXPOSED TO DUST. DON'T SHAKE. DON'T EAT IN AREA WHERE ASBESTOS/DUST PRESENT.

Supplemental Safety and Health

THE MANUFACTURER STATES THAT THIS PRODUCT IS CONSIDERED AN "ARTICLE" AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 & THEREBY DOES NOT REQUIRE A MSDS. ALSO, THIS PRODUCT IS NOT CONSIDERED HAZARDOUS IN THE FORM

SHIPPED OR IN ITS END USE  
APPLICATION. HOWEVER, IT BECOMES HAZARDOUS IF MISHANDLED/MISUSED

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

HCC:T6

Decomp Temp:Decomp Text:500F,260C

Solubility in Water:INSOLUBLE

Appearance and Odor:OFF-WHITE BRAIDED MATERIAL - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND OTHER INTERHALOGEN COMPOUNDS

Stability Condition to Avoid:TEMPER

ATURES ABOVE 250 C

Hazardous Decomposition Products:ASBESTOS FIBERS MAY BE RELEASED.

VARIOUS FLUOROCARBON FUMES, CARBON MONOXIDE AND CARBON DIOXIDE MAY  
BE FORMED.

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

Waste Disposal Methods:APPROVED LANDFILL. WASTE SHOULD BE CONTAINED IN  
IMPERMEABLE BAGS, LABELED AND DISPOSED IN ACCORDANCE WITH ALL  
LOCAL, STATE AND FEDERAL REGULATIONS.

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