

RICHARD KLINGER INC -- KLINGER K52 -- 5330-00-599-1320

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

Product ID:KLINGER K52

MSDS Date:02/28/1992

FSC:5330

NIIN:00-599-1320

MSDS Number: BPHMH

=== Responsible Party ===

Company Name:RICHARD KLINGER INC

Address:2350 CAMPBELL RD

City:SIDNEY

State:OH

ZIP:45365-9501

Country:US

Info Phone Num:513-498-1181

Emergency Phone Num:513-498-1181

CAGE:K0076

=== Contractor Ide

ntification ===

Company Name:KLINGER RICHARD INC

Address:2350 CAMPBELL RD

Box:City:SIDNEY

State:OH

ZIP:45365-9501

Country:US

Phone:937-498-1181

CAGE:9U500

Company Name:RICHARD KLINGER LTD

Box:City:SIDCUP KENT DA14 5AG UNITED KINGDOM

Phone:01-300-7777

CAGE:K0076

Company Name:SEALCRAFT CORPORATION

Address:1 WELLINGTON CIRCLE

Box:City:WALTERBORO

State:SC

ZIP:29488

Country:US

Phone:803-538-2324

CAGE:63728

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

Ingred Name:ASBESTOS, CH

RYSOTILE
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:KAOLIN
CAS:1332-58-7
RTECS #:GF1678500
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:BARIUM SULFATE
CAS:7727-43-7
RTECS #:CR0600000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:NATURAL RUBBER
Other REC Limits:NONE SPECIFIED

Ingred Name:NEOPRENE SYNTHETIC RUBBER
Other REC Limits:NONE SPECIFIED

===== 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:NO ACUTE EFFECTS ARE KNOWN. CHRONIC:
DUST FROM ABRASIVE ACTIONS (EG. CUTTING, MACHINING, FILING, ETC

.)

MAY CONTAIN ASBESTOS FIBERS. CHRONIC OVEREXPOSURE TO AIRBORNE FIBERS MAY LEAD TO PLEURAL PLAQUE, LUNG CANCER, ASBESTOSIS AND MESOTHELIOMA. SMOKING COMBINED WITH FIBER INHALATION GREATLY INCREASES LUNG CANCER RISK.

Explanation of Carcinogenicity:OVEREXPOSURE TO AIRBORNE CONCENTRATIONS OF ASBESTOS MAY LEAD TO LUNG CANCER, ASBESTOSIS AND MESOTHELIOMA.

Effects of Overexposure:EYES: IRRITATION FROM AIRBORNE DUST. SKIN:

IRRITATION FROM AIRBORNE DUST. INHALATION: DIFFICULTY BREATHING,

CHEST PAIN, COUGHING AND FINGER CLUBBING OFTEN ACCOMPANY ASBESTOS RELATED RESPIRATORY DISEASES.

Medical Condition Aggravated by Exposure:INHALATION OF ASBESTOS FIBERS MAY EXASPERBATE PRE-EXISTING CONDITIONS SUCH AS CHRONIC BRONCHITIS OR ASTHMA.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: FREQUENT WASHING WILL DETEST TRANSITORY CHEMICAL OR MECHANICAL DERMATITIS. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING. GET MEDICAL ATTENTION. OTHER: CHANGE CLOTHING AS REQUIRED TO AVOID CARRYING DUST PARTICLES INTO OTHER AREAS.

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

Flash Point:NONE

Extinguishing Media:MATERIAL IS NOT FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE, WATER, CARBON DIOXIDE, DRY POWDER, OR FOAM.

Fire Fighting Procedures:COMBUSTION PRODUCTS OF THIS MATERIAL MAY BE

TOXIC. USE A SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICAL PRODUCTS.

Unusual Fire/Explosion Hazard:WHEN GROUND, CLOUDS OF FINE RUBBER PARTICLES MAY PRODUCE A WEAK EXPLOSION. ONCE RUBBER IS EXTINGUISHED, PROVIDE EXTRA COOLING TO PREVENT SPONTANEOUS REIGNITION.

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

Spill Release Procedures:TREAT DUST AS FREE ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR. USE

E HEPA VACCUMS AND OR WET METHODS. AVOID BREATHING DUST.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HANDLE IN A MANNER TO MINIMIZE FORMATION OF AIRBORNE DUST. IN NORMAL HANDLING OF SHEETS AND CUT GASKETS NO SIGNIFICANT RELEASE OF ASBESTOS OCCURS.

Other Precautions: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.

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

Respiratory Protection:IF EXPOSURES EXCEED ESTABLISHED LIMITS, A NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS SHOULD BE USED. CONSULT YOUR SAFETY OFFICE/IH PERSONNEL FOR GUIDANCE FOR THE TASK AT HAND.

Ventilation:MECHANICAL (GENERAL) IF AIRBORNE LEVELS EXCEED PEL. USE LOCAL EXHAUST WHERE DUST IS GENERATED BY ABRASIVE/OTHER ACTIONS.

Protective Gloves:AS REQUIRED FOR TASK AT HAND.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:AVOID CREATING DUST, AVOID BREATHING DUST. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING. DO NOT SMOKE.

Supplemental Safety and Health

THE RISK OF ASBESTOS RELATED DISEASES INCREASES 25 TIMES WHEN EXPOSURE TO ASBESTOS IS COMBINED WITH SMOKING.

===== Physical/Chemical Properties ==
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HCC:T6

Spec Gravity:1.75

Solubility in Water:INSOLUBLE

Appearance and Odor:COMPOSITE MATERIAL,BLACK COLORED SHEETS,VARYING THICKNESSES. FAINT SOLVENT ODOR

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS AND BASES.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:POSSIBLE PYROLYTIC PRODUCTS FROM NEOPRENE SYNTHETIC RUBBER

R SUCH AS FORMALDEHYDE, STYRENE, BENZENE,
ACROLIN, CO, CO2, ETC

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN APPROVED LANDFILL IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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