

## **K-52**

### **MSDS Number**

BPHFD

### **National Stock Number**

5330-00-023-7626

### **Product Name**

K-52

### **Manufacturer**

KLINGER RICHARD INC

### **Product Identification**

Product ID:K-52

MSDS Date:02/24/1992

FSC:5330

NIIN:00-023-7626

MSDS Number: BPHFD

### **Responsible Party**

KLINGER RICHARD INC

2350 CAMPBELL RD

SIDNEY , OH 45365-9501

US

Emergency Phone: 513-493-1101

Info Phone: 513-493-1101

Cage: 9U500

### **Contractor**

SEALCRAFT CORPORATION

WALTERBORO, SC 29488

US

803-538-2324

Cage: 63728

### **Ingredients**

ASBESTOS, CHRYSOTILE

CAS: 12001-29-5

RTECS: CI6478500

Fraction By Weight: >65%

OSHA PEL0.2 FIBERS/CC

ACGIH TLV: 2 FIBERS/CC; A1;9293

BARIUM SULFATE

CAS: 7727-43-7

RTECS: CR0600000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3; 9293

KAOLIN

CAS: 1332-58-7

RTECS: GF1670500

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST; 9293

NATURAL RUBBER

CAS: 9003-31-0

NEOPRENE RUBBER

## Hazards

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 WHICH 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:ASTHMA, EMPHYSEMA, AND TUBERCULOSIS  
ARE ALL GENERALLY AGGRAVATED BY EXPOSURE TO ASBESTOS FIBERS.

## First Aid

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: DIL UTE WITH WATER. DO NOT INDUCE VOMITING.SEE DOCTOR.

## Fire Fighting

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

## Accidental Release

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

Handling and Storage Precautions: GASKET IS NONFRIABLE & WILL NOT SHED FIBERS IN NORMAL USE AND STORAGE. USED GASKETS SHALL BE WETTED BEFORE, DURING & AFTER DISASSEMBLY FROM AN ENGINE.  
Other Precautions: IF IT IS NECESSARY TO CUT OR IMPACT THE GASKET WHILE INSTALLING IT, WEAR A RESPIRATOR AND PROTECTIVE CLOTHING. USED GASKETS SHALL BE IDENTIFIED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

## Exposure Controls

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 GASKET. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

## Chemical Properties

HCC: T6  
Spec Gravity: 1.75  
Solubility in Water: INSOLUBLE  
Appearance and Odor: COMPOSITE MATERIAL, BLACK SHEETS  
Percent Volatiles by Volume: 0

## Stability

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

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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