

KLINGER RICHARD INC -- KLINGER K62 -- 5330-00-291-4714

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

Product ID:KLINGER K62

MSDS Date:02/28/1992

FSC:5330

NIIN:00-291-4714

MSDS Number: BRDJG

=== Responsible Party ===

Company Name:KLINGER RICHARD 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:9U500

=== Contractor Id

entification ===

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

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

Ingred Name:NATURAL RUBBER

Other REC Limits:NONE RECOMMENDED

Ingred Name:STYRENE POLYMER WITH 1,3-BUTADIENE

CAS:9003-55-8

RTECS #:WL6478000

Other REC Limits:NONE RECOMMENDED

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Fraction by Wt: >65%

Other REC

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

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:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

===== 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:CHRONIC CONDITIONS SUCH AS PLEURAL  
PLAQUE, ASBESTOSIS, LUNG CANCER AND MESOTHELIOMA MAY RESULT FROM  
BREATHING FREE ASBESTOS FIBERS. INGESTION HAS BEEN WEEKLY LINKED TO  
GASTROINTESTINAL CANCER. SKIN CONTACT MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:CONTAINS A [1332-21-4] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:DIFFICULTY BREATHING,  
CHEST PAIN, COUGHING, AND  
FINGER CLUBBING OFTEN ACCOMPANY ASBESTOS - RELATED RESPIRATORY  
DISEASE.

Medical Cond Aggravated by Exposure:INHALATION OF ASBESTOS FIBERS MAY  
IRRITATE THE UPPER RESPIRATORY TRACT, MAY EXCERBATE PRE-EXISTING  
CONDITIONS SUCH AS CHRONIC BRONCHITIS OR ASTHMA.

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

First Aid:INHALATION-REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION. SKIN  
CONTACT-FREQUENT WASHING WILL DETER TRANSITORY CHEMICAL

OR

MECHANICAL DERMATITIS. EYE CONTACT-FLUSH WITH WATER FOR 15 MINUTES, SEEK MEDICAL ATTENTION IF DISCOMFORT PERSISTS. INGESTION-INDUCE VOMITING, SEEK MEDICAL ATTENTION.

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

Flash Point:DOES NOT FLASH

Extinguishing Media:WATER, CARBON DIOXIDE, DRY POWDER OR FOAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS FOR PROTECTION AGAINST TOXIC DECOMPOSITION PRODUCTS.

Unusual F

ire/Explosion Hazard:WHEN AROUND, CLOUDS OF FINE RUBBER PARTICLES A WEAK EXPLOSION MAY BE PRODUCED. ALSO, ONCE RUBBER IS EXTINGUISHED, PROVIDE WATER COOLING TO PREVENT REIGNITION.

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

Spill Release Procedures:TREAT DUST AS FREE ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR. USE HEPA VACUUM AND OR WET METHOD. AVOID BREATHING DUST.

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

Handling and

Storage Precautions:IN NORMAL HANDLING OF SHEETS & CUT GASKETS NO SIGNIFICANT RELEASE OF ASBESTOS OCCURS. WHERE DUST PRODUCING ACTIVITIES OCCUR, LOCAL VENTILATION, ETC.

Other Precautions:WHEN COMBINED WITH SMOKING, THE RISK OF ASBESTOS RELATED DISEASES INCREASES UP TO 25 TIMES.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR IF PEL IS EXCEEDED.

Ventilation:MECHANICAL-IF AIRBORNE LEVELS EXCEED PEL.

Protect

ive Gloves:RECOMMENDED.

Eye Protection:RECOMMENDED.

Other Protective Equipment:NOT NORMALLY REQUIRED.

Work Hygienic Practices:AVOID CREATING DUST. AVOID BREATHING DUST. USE PERSONAL PROTECTIVE EQUIPMENT.

Supplemental Safety and Health  
DO NOT SMOKE.

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

HCC:T7

Spec Gravity:1.80

Solubility in Water:INSOLUBLE

Appearance and Odor:COMPOSITE MATERIAL COMES IN BLACK & OFF WHITE SHEETS OF VARYING THICKNESS.

=====  
St

ability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, STRONG ACIDS AND BASES.

Hazardous Decomposition Products: POSSIBLE PYROLYTIC PRODUCTS FROM  
STYRENE BUTADIENE RUBBER SUCH AS FORMALDEHYDE, STYRENE, CARBON  
MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods: APPROVED LANDFILL IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL REGULATIONS. INCINERATION IN A SUITABLE COMBUSTIBLE  
CHAMBER.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their

particular situation.