

KLINGER RICHARD INC -- KLINGER UNIVERSAL -- 5330-00-599-3261

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

Product ID:KLINGER UNIVERSAL

MSDS Date:02/28/1992

FSC:5330

NIIN:00-599-3261

MSDS Number: BTSPK

=== 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

=== Co

ntractor Identification ===

Company Name:ACE RUBBER PRODUCTS INC

Address:832 N DICK PRICE ROAD

Box:City:KENNEDEALE

State:TX

ZIP:76060

Country:US

Phone:817-572-1011

CAGE:0HCJ7

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:ACRYLONITRILE BUTADIENE POLYMER

CAS:9003-18-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:BARIUM SULF

ATE
CAS:7727-43-7
RTECS #:CR0600000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:ASBESTOS, CHRYSOTILE (SARA III)
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;9394

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; 9394

=====
===== Hazards Identification
=====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT IS NOT A HEALTH HAZARD UNDER
ORDINARY CONDITIONS OF USE. DUST FROM ABRASIVE ACTIONS (CUTTING,
MACHINING, FILING, DRILLING, ETC.) MAY CONTAIN ASBESTOS FIBERS.
CHRONIC OVEREXPOSURE TO AIRBORNE F IBER S MAY LEAD TO
ASBESTOSIS,LUNG CANCER, MESOTHELIOMA.SMOKING
WITH FIBER INHALATION
GREATLY INCREASES LUNG CANCER RISK.
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS ASBESTOS LISTED BY
NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES: IRRITATION FROM AIRBORNE DUST. SKIN:
MECHANICAL IRRITATION FROM DUST. INHALATION: INHALATION OF AIRBORNE
DUST CONTAINING ASBESTOS FIBERS ON REPEATED EXPOSURE MAY CAUSE OR
LEAD TO ASBESTOSIS, LUN G CANCER, MESOTHELIOMA. INGESTION:
FREEASBESTOS FIBERS MAY BE A FACTO

R IN CANCER OF THE GI TRACT AND
LARYNX.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE
INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED
RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL
ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. IF IRRITATION
PERSISTS GET MEDICAL ATTENTION. 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 =====

Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:IF FIRE INVOLVES LARGE AMOUNTS OF PRODUCT,
WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT DUE TO
SMOKE AND POSSIBLE RELEASE OF
ASBESTOS FIBERS.
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:USE PROPER PERSONAL PROTECTION. VACUUM OR WET
CLEAN IF DUST IS INVOLVED. ANY VACUUM SYSTEM SHOULD BE EQUIPPED
WITH AN OUTLET "HEPA" FILTER TO PREVENT REINTRODUCING ASBESTOS
FIBERS TO THE ATMOSPHERE. D O NOT DRY SWEEP OR USE COMPRESSED AIR.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN CLEAN DRY PLACE AWAY FROM
INCOMPATIBLE MATERIAL. HANDLE IN A MANNER TO MINIMIZE FORMATION OR
RETENTION OF AIRBORNE DUST.
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:NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. IF ANY OPERATIONS ARE PERFORMED ON THE PRODUCT THAT MAY RELEASE ASBESTOS FIBERS, USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ASBESTOS.

Ventilation:NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. LOCAL EXHAUST IS RECOMMENDED IN SITUATIONS WHERE DUST IS GENERATED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES/GOGGLES IF DUST GENERATED

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. AVOID AIRBORNE DUST GENERATION.

Supplemental Safety and Health

CHANGE CLOTHING AS REQUIRED TO AVOID CARRYING DUST PARTICLES INTO OTHER AREAS. SMOKING ALONG WITH ASBESTOS FIBER INHALATION GREATLY INCREASES CANCER RISK.

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

HCC:T7

Boiling Pt:B.P. Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.85

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:COMPOSITE MATERIAL COMES IN BLACK COLORED SHEETS. FAINT SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID STORAGE WITH STRONG OXIDIZERS, STRONG ACIDS AND BASES. FLAME WILL IGNITE BINDER.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USE.

Hazardous Decomposition Products:PYROLYTIC PRODUCTS SUCH AS FORMALDEHYDE, STYRENE, BENZENE, ACROLIN, CARBON MONOXIDE, CARBON DIOXIDE, OTHER HYDROCARBONS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DUST SHOULD BE HANDLED AS A HAZA

RDOUS AIR

POLLUTANT I/A/W 40CFR61 SUBPART "M" PERTAINING TO ASBESTOS. USE
LANDFILLS APPROVED FOR ASBESTOS DISPOSAL.

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.