

TBA INDUSTRIAL PRODUCTS LTD, SEALING MATERIAL DIV -- FLEXITALLIC 410 BLACK --
5330-00-925-6105

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

Product ID:FLEXITALLIC 410 BLACK

MSDS Date:06/20/1994

FSC:5330

NIIN:00-925-6105

MSDS Number: CHQKH

=== Responsible Party ===

Company Name:TBA INDUSTRIAL PRODUCTS LTD, SEALING MATERIAL DIV

Box:40

City:ROCHDALE LANCS

Country:UK

Info Phone Num:800-527-1935

Emergency Pho

ne Num:800-527-1935

CAGE:U1309

=== Contractor Identification ===

Company Name:R-WAY GASKET AND SUPPLY CO

Address:1950 E SEDGLEY AVE

Box:City:PHILADELPHIA

State:PA

ZIP:19124-5622

Country:US

Phone:215-697-6350/215-743-1650

CAGE:5S153

Company Name:TBA INDUSTRIAL PRODUCTS

Box:21

City:ROCHDALE,LANCS,ENGLAND

Country:EN

Phone:800-527-1935

CAGE:U1309

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

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Fraction by Wt: <

75%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:2 FIBERS/CC,A1; 9596

Ingred Name:RUBBER BINDER (SYNTHETIC RUBBER)
Fraction by Wt: < 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:BARIUM SULFATE
CAS:7727-43-7
RTECS #:CR0600000
Fraction by Wt: < 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9596

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

Routes of Entry:

Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE- NONE UNDER NORMAL CONDITIONS OF USE. HOWEVER, GRINDING, SANDING OR MACHINING MAY PRODUCE NUISANCE PARTICULATES THAT CAN CAUSE IRRITATION OF EYES, SKIN AND RESPIRATORY PASSAGES. CHRONIC- LONG TERM EXPOSURE TO ASBESTOS CAN CAUSE IRREVERSIBLE ASBESTOSIS, LUNG DISEASE, LUNG CANCER.

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:NONE UNDER NORMAL CONDITIONS OF USE. HOWEVER, GRINDING, SANDING OR MACHINING MAY PRODUCE NUISANCE PARTICULATES THAT CAN CAUSE IRRITATION OF EYES, SKIN AND RESPIRATORY PASSAGES.

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

=====

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

First Aid:SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP. IN CASE OF EYE IRRITATION GENTLY RINSE WITH WATER FOR 15 MINUTES WHILE KEEPING EYELIDS OPEN. SKIN: WASH FREQUENTLY WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: UNLIKELY.

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

Flash Point:NON FLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CARBON DIOXIDE, CHEMICAL OR FOAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:TOXIC DECOMPOSITION FUMES MAY BE EVOLVED IN A FIRE.

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

Spill Release Procedures:IF A RELEASE OF DUST OCCURS DURING MACHINING, ABRADING OR RIVETING, REMOVE DUST BY VACUUMING OR WET MOPPING. VACUUMS USED FOR THIS PURPOSE SHOULD BE EQUIPPED WITH HEPA FILTERS.

DO NOT USE COMPRESSED AIR TO BLOW DUST FROM THE WORKPLACE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:SHIPPING AND STORAGE MAY RESULT IN ACCUMULATION OF DUST IN SHIPPING CONTAINERS. IF THIS OCCURS, DISPOSE OF THE CONTAINER IN AN AIRTIGHT POLYETHYLENE BAG.

REMOVE DUST BY VACUUMING OR WET MOPPING. DO NOT USE COMPRESSED AIR.

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

Respiratory Protection:USE NIOSH-APPROVED RESPIRATOR IF EXPOSURE TO DUST OR FUMES IN CONCENTRATIONS EXCEEDING PEL'S OR TLV'S IS POSSIBLE. SEE 29 CFR 1910.134 FOR RESPIRATORY PROTECTION STANDARDS.

Ventilation:ANY OPERATIONS WHICH MAY PRODUCE DUST, INCLUDING MACHINING, GRINDING, RIVETING OR ABRADING SHOULD BE ADEQUATELY EXHAUSTED

Prot

ective Gloves:LEATHER, COTTON OR RUBBER AS NEEDED

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, 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

NONE SPECIFIED BY MANUFACTURER.

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

=====

HCC:T6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.5 -2.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK SHEET MATERIAL - HYDROCARBON ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:AVOID ABRADING THE MATERIAL UNLESS DUST EXTRACTION IS AVAILABLE OR RESPIRATORY PROTECTION IS WORN.

Hazardous Decomposition Products:DENSE SMOKE, OXIDES OF CARBON AND LOW MOLECULAR WEIGHT ORGANIC COMPOUNDS.

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

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

Disclaimer (provided wit

h 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.