

CARBORUNDUM CO THE, FIBERS DIVISION -- FIBERFRAX ROPE -- 5330-00-872-6982
===== Product Identification =====

Product ID:FIBERFRAX ROPE

MSDS Date:07/29/1994

FSC:5330

NIIN:00-872-6982

MSDS Number: BXJVM

=== Responsible Party ===

Company Name:CARBORUNDUM CO THE, FIBERS DIVISION

Box:808

City:NIAGARA FALLS

State:NY

ZIP:14302-0337

Country:US

Info Phone Num:716-278-2183

Emergency Phone Num:716-278-6233

C

AGE:10646

=== Contractor Identification ===

Company Name:CARBORUNDUM CO THE

Address:P O BOX 337

Box:City:NIAGARA FALLS

State:NY

ZIP:14302-0337

Country:US

Phone:716-278-6233

CAGE:10646

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

Ingred Name:REFRACTORY FIBERS, ALUMINOSILICATE (PER

MSDS:ALUMINOSILICATE (VITREOUS))

CAS:142844-00-6

Fraction by Wt: 75-85%

Other REC Limits:NONE RECOMMENDED

Ingred Name:VISCOSE RAYON

CAS:61788-77-0

Fraction by Wt: 15-25%

Other REC Limits:N

ONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:WARNING!POSSIBLE CANCER HAZ BY

INHAL.MAY BE HARMFUL IF INHALED.HAZ DEPENDS ON DURATION/LEVEL OF EXPO.MAY BE IRRIT TO SKIN/EYES/RESP TRACT.INGEST:UNLIKELY.IF INGEST IN SUFFICIENT QUANT MAY CAUSE GI DIS TURBANCES.SKIN/EYE:SLIGHTLY TO MODERATELY IRRIT.IRRIT,INF

LAMMATION.ABRASIVE ACTION MAY CAUSE

DAMAGE TO EYES OUTER SURFAC

Explanation of Carcinogenicity:PER MSDS:IARC CLASSIFIED CERAMIC

FIBER,FIBROUS GLASSWOOL,MINERAL WOOL AS POSSIBLE HUMAN CARCINOGENS (GROUP 2B).CA PROP65

Effects of Overexposure:INGEST:IRRIT, NAU, VAOMIT, ABDOMINAL PAIN,

DIARR. SKIN:IRRIT, RASH. EYE:IRRIT. INHAL: RESP TRACT IRRIT.

Medical Cond Aggravated by Exposure:PRE-EXISTING MED CONDITIONS MAY BE

AGGRAVATED BY EXPO; SPECIFICALLY BRONCHIAL HYPER-REACTIVITY &

CHRONIC BRONCHIAL OR LUNG DISEASE.

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

First Aid:INGEST:PREFERRED METHOD OF ELIMINATION IS THRU NATURAL GI

ELIMINATION.DRINK EXTRA WATER.GI SYMPTOMS DEVELOP GET MED ATTN.

SKIN:REMOVE CONTAMIN CLOTH.WASH THOROUGHLY W/SOAP/WATER.DO NOT RUB/SCRATCH.USI NG SKIN CREAM/LOTION AFT WASHING MAY

BEHELPFUL.IRRIT PERSISTS GET MED ATTN. EYE:FLUSH IMMED W/LG AMTS OF WATER FOR @LEAST 15MINS OPENING EYELIDS.DO NOT RUB.IRRIT

PERSISTS

GET MED ATTN. INHAL:(SUPPLE)

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

Flash Point:NON-COMBUSTIBLE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. HOWEVER USE APPROPRIATE PPE AS CONDITIONS WARRANTS.

Unusual Fire/Explosion Hazard:NONE.

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

Spill R

cleaning Procedures:USE VAC SUCTION W/HEPA FILTERS.USE WET SWEEPING/DUST SUPPRESSANT WHERE SWEEPING IS NECESSARY.AVOID CLEAN UP PROCEDURES THAT MAY RESULT IN WATER POLLUTION.PERSONAL SAFETY/HNDLG/EXPO RECOMMENDATIONS DESCRIBED IN MSDS WHEN EXPOSED DURING CLEAN UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HNDL W/CAUTION.AVOID UNNEC CUT/TEAR OF MATL TO MIN AIRBORNE DUST GENERATION.DO NOT TOUCH EYES W/CONTAMINATED BODY PARTS/MATL.PKG MAY CONTAIN RESIDUE.

Other Precautions:PROD UNDERGO PARTIAL CONVERSION TO CRISTOBALITE(FORM OF CRYSTALLINE SILICA)@>1800F.RX OCCURS @FURNACE LINING HOT FACE-BECOMES MORE FRIABLE.AMT DEPENDS ON TEMP/DURATION.DO NOT USE AIR BLOW/DRY SWEEP SH OULDN'T BE USED.CAN USE DUST SUPPRESS.

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

Respiratory Protection:IF EXPO EXCEED RECOMMENDED EXPO GUIDELINE OF 100% OF TLV

OR CC OF AIR(8HR TWA) & ENGINEER CNTRL NOT FEASIBLE RESP PROT MUST BE USED. USE RESP PROT IF RESP IRRIT IS EXPERIENCED WHEN AIRBORNE CONCEN ARE UNK/MA TL EXPO TO TEMP >1800F.NIOSH/MSHA (SUPP)

Ventilation:PROPERLY DESIGNED/OPERATED ENGINEER CNTRL MOST EFFECTIVE METHODS FOR MIN AIRBORNE DUST/FIBER.

Protective Gloves:GLOVES.

Eye Protection:SAFETY GLASSES,CHEM GOGGLES.

Other Protective Equipment:CONTACT LENSES SHOULDN'T BE WORN UNLESS CHEM GOGG ARE WORN.EYEWASH.HATS/FULL BODY COVERING TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASHABLE/DISPOSABLE CLOTHING MAY BE USED.DON'T TAKE UNWASHED WORK CLOTH HOME & WASH SEPARATELY-RINSE WASH MACHINE AFT.

Supplemental Safety and Health

1ST AID:REMOVE FROM EXPO TO FRESH AIR.SOME MAY BE SENSITIVE TO FIBER INDUCED RESP TRACT IRRIT.SYMPTOMS DEVELOP SEEK MED ATTN.BREATH DIFFI ADMINISTER OXY TIL MED ASSISTANCE CAN BE RENDERED. RESP PROT:AP PROVED.LEVELS UNK MIN PROT USE 1/2MASK AIRPURIFYING RESP W/HEPA FILT

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

HCC:N1

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE.

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

Was

te Disposal Methods:NO SPECIAL REPORTING RQMTS FOR MATL RELEASES
UNDER CERCLA 40CFR302/SARA 40CFR355.THERE MAY BE SPECIFIC REPORTING
RQMTS @LOC/REGIONAL/STATE LEVEL PERTAINING TO RELEASES.AS SUPPLIED
NOT HAZ WASTE.COULD BECOME HAZ WASTE IF MIXED W/HAZ.CHECK ALL
REGS/LAW

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.