

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

Release 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 EXPO 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/CONTAMIN 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 1FI

BER/CC OF AIR(8HR TWA) & ENGINEER CNTNRL 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

ER CARTRIDGES.ESTABLISH PROGRAMS PER 29CFR1910.134.

===== 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 =====

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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

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