

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 VACUUM 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/HANDLING/EXPOSURE RECOMMENDATIONS DESCRIBED IN MSDS WHEN EXPOSED DURING CLEAN UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HANDLE W/CAUTION.AVOID UNNECESSARY CUT/TEAR OF MATERIAL TO MINIMIZE AIRBORNE DUST GENERATION.DO NOT TOUCH EYES W/CONTAMINATED BODY PARTS/MATERIAL.PACKAGE MAY CONTAIN RESIDUE.

Other Precautions:PRODUCT UNDERGOES PARTIAL CONVERSION TO CRISTOBALITE(FORM OF CRYSTALLINE SILICA)@>1800F.REACTION OCCURS @FURNACE LINING HOT FACE-BECOMES MORE FRIABLE.AMOUNT DEPENDS ON TEMP/DURATION.DO NOT USE AIR BLOW/DRY SWEEP SHOULD NOT BE USED.CAN USE DUST SUPPRESSANT.

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

Respiratory Protection:IF EXPOSURE EXCEEDS RECOMMENDED EXPOSURE GUIDELINE OF 100 FT

PERCENT OF AIR(8HR TWA) & ENGINEER CONTROL NOT FEASIBLE RESPIRATORY PROTECTION MUST BE USED. USE RESPIRATORY PROTECTION IF RESPIRATORY IRRITATION IS EXPERIENCED WHEN AIRBORNE CONCENTRATIONS ARE UNKNOWN/MATERIAL EXPOSURE TO TEMPERATURE >1800F.NIOSH/MSHA (SUPPLEMENTAL)

Ventilation:PROPERLY DESIGNED/OPERATED ENGINEER CONTROL MOST EFFECTIVE METHODS FOR MINIMIZING AIRBORNE DUST/FIBER.

Protective Gloves:GLOVES.

Eye Protection:SAFETY GLASSES,CHEMICAL GOGGLES.

Other Protective Equipment:CONTACT LENSES SHOULD NOT BE WORN UNLESS CHEMICAL GOGGLES 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 AFTER.

Supplemental Safety and Health

1ST AID:REMOVE FROM EXPOSURE TO FRESH AIR.SOME MAY BE SENSITIVE TO FIBER INDUCED RESPIRATORY TRACT IRRITATION.SYMPTOMS DEVELOP SEEK MEDICAL ATTENTION.BREATH DIFFICULTY ADMINISTER OXYGEN TIL MEDICAL ASSISTANCE CAN BE RENDERED. RESPIRATORY PROTECTION:AS PROVED.LEVELS UNKNOWN MINIMUM PROTECTION USE 1/2 MASK AIRPURIFYING RESPIRATORY W/HEPA FILTER

===== 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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