View NSN Online: https://aerobasegroup.com/nsn/2530-01-172-2778

Product ID:PN:DLM-10-99 FRICTION MATERIAL MSDS Date:01/04/1995 FSC:2530 NIIN:01-172-2778 MSDS Number: CFKGV === Responsible Party === Company Name: ABEX CORP FRICTION PRODUCTS GROUP Address:2410 PAPER MILL RD Box:3250 **City:WINCHESTER** State:VA ZIP:22604 Country:US Info Phone Nu m:703-662-3871/703-665-2270 Emergency Phone Num:703-662-3842 Preparer's Name:M.K.LEUNG CAGE:85117 === Contractor Identification === Company Name: ABEX CORP FRICTION PRODUCTS GROUP Address:2610 PAPER MILL RD Box:3250 **City:WINCHESTER** State:VA ZIP:22601-3250 Country:US Phone:703-665-2270 CAGE:85117 Company Name: EXXON CO USA Address:800 BELL ST Box:2180 **City:HOUSTON** State:TX ZIP:77252-2180 Country:US Phone:713-656-6449 CAGE:29667 Company Name: MERITOR HEAVY VEHICLE SYSTEMS LLC Address:2135 W MAPLE RD

Box:City:TROY State:MI ZIP:48084 Country:US Phone:248-435-8207 CAGE:78500

Ingred Name:GLASS FIBERS Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICATES, SILICA, TRIPOLI, TALC (NON FIBEROUS FORM) Other REC Limits:NONE RECOMMENDED OSHA PEL:10 MG/M3 ACGIH TLV:10 MG/M3

Ingred Name:CARBON PRODUCTS, CARBON BLACK, GRAPHITE, OTHERS Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOLIC, CASHEW ,ELASTOMERIC COMPOUNDS Other REC L imits:NONE RECOMMENDED

Ingred Name: FILLERS, WOOD FLOUR & OTHER FILLERS Other REC Limits: NONE RECOMMENDED

Ingred Name:METALS AND THEIR OXIDES-IRON, ZINC, ALUMINUM, BRASS, MAGNESIUM Other REC Limits:NONE RECOMMENDED

Ingred Name: FIBERS, ORGANIC & INORGANIC (NON-ASBESTOS) Other REC Limits: NONE RECOMMENDED

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of C arcinogenicity:NTP:NO IARC:YES OSHA:NO Health Hazards Acute and Chronic:SOME PERSONS MAY BE SENSITIVE TO CASHEW RESINS & DEVELOP DERMATITIS-TYPE PROBLEMS.DUST OF GLASS FIBER,SILICA,TALC,GRAPHITE,CARBON BLACK & COAL CAN PRODUCE PENUMOCONIOSIS,SILICOSIS,A PROGRESSIVE DEGENE RATIVE SCARRING OF LUNG TISSUE & OTHER LUNG DMG.METAL DUSTS CAN BE IRRIT TO EYE/UPPER RESP SYS.THERE'S LITTLE (SUPPLE)

Explanation of Carcinogenicity:PER MSDS:IARC:VOL42,1987 SUFFIC EVIDENCE FOR CARC I OF CRYSTALLIN SILICA TO EXPERIMENTAL ANIMALS, LIMIT EVIDENCE W/HUMANS. Effects of Overexposure: CASHEW RESINS-SKIN ERUPTIONS SIMILAR IN APPEARANCE TO POISON IVY.PNEUMOCONIOSIS & SILICOSIS-COUGHING, WHEEZING, SHORTNESS OF BREATH, SPUTUM PRODUCTION, IMPAIRED PULM FUNCTION. DUSTS IN EYE MAY CAUSE IRRIT. GASTROINTESTINAL DISTURB POSSIBLE FRM INGEST.GLASS FIBER MAY CREATE TRANSIENT MECHANICAL IRRI TOF SKIN OF SOME PERSONS. Medical Cond Aggravated by Exposure: EXISTING RESPIRATORY PR **OBLEMS MAY** BE AGGRAVATED BY EXPOSURE TO ANY DUST. First Aid:EYE:FLUSH W/LARGE AMTS OF WTER FOR 15MINS W/EYELIDS OPEN.GET MED ATTN.SKIN:WASH THOROUGHLY W/SOAP/WATER.IF IRRIT PERSIST GET MED ATTN.INHAL:REMOVE FROM EXPO TO FRESH AIR.RESTORE BREATHING.GET MED ATTN .INGEST: GIVE LARGE QUANT OF WATER & INDUCE VOMIT. GET MED ATTN.DONT MAKE UNCONSC PERSON VOMIT. ======= Fire Fighting Measures ====== Flash Point:NA Autoignition Temp:Autoignition Temp Text:NP Lower Limits:NA **Upper Limits:NA** Extinguishing Media:WATER, (CLASS A, B, OR C). Fire Fighting Procedures: POSITIVE PRESSURE SCBA SHOULD BE USED.PERSONNEL NOT HAVING SUITABLE RESP PROTECTION SHOULD LEAVE AREA TO PREVENT SIGNIF EXPO TO TOXIC COMBUST GASES FRM ANY SOUR Unusual Fire/Explosion Hazard: POWDER WILL SMOLDER & BURN. **Spill Release Procedures** :GRINDING, DRILLING, MILLING, ETC CAN RESULT IN RELEASE OF AIRBORNE DUST.WET SWEEP OR VACUUM.AVOID GENERATING AIRBORNE DUST & AVOID BREATHING DUST. MEASURES AS OUTLINED IN MSDS

SHOULD BE FOLLOWED IF THIS O CCURS.

Handling and Storage Precautions:PRE-EMPLOYMENT SCREENING FOR ALLERGIES & HISTORIES OF SKIN SENSITIVITIES MAY BE BENEFICIAL IN DETERMINING PERSONS SENSITIVE TO CASHEW MATERIALS. Other Precautions:EMPLO YEES SHOULD BE PROPERLY INSTRUCTED IN THE USE OF CONTROL MEASURES AS INDICATED ABOVE WHEN THERE'S A NEED FOR IT.IF DUST FROM PRODUCT IS PRODUCED UNNECESSARY EXPO SHOULD BE AVOIDED BY USING VAC IN PLACE OF DRY BROOMING.USE WET (SUPPLE)

Respiratory Protection: NIOSH APPROVED FOR PNEUMOCONIOSIS-FIBROSIS PRODUCING DUSTS & DUSTS W/TLV NOT LESS THAN 0.05MG/M3. Ventilation:LOC EXHAU:FOR DUST EXPOSURES ESCEEDING ΤL V.MECHANICAL(GEN):NOT RECOMMENDED FOR DUST EXPOSURES.OTHER:BARRIER CREAMS(SUPP) Protective Gloves:RECOMMENDED Eve Protection: SHOULDNT BE NEEDED FOR NOR HNDLG (SUPPLE) Other Protective Equipment: LONG SLEEVED SHIRTS, OTHER PROT CLOTH MAY BE BENEFICIAL TO PREVENT SKIN CONTACT OF PERSONS SENS TO CASHEW **RESIN&FIBER GLS** Work Hygienic Practices: LAUNDER CONTAM CLOTH BEF REUSE. PROPER/ADEQUATE PERSONAL HYGIENE SHOULD BE PRACTICED BY EXOSED WORKERS. Supplemental Safety and Health HEALTH:EVIDE NCE OF CHRONIC INDUSTRILA POISONING FROM IRON, ALUMINUM, & ZINC DUSTS. VENTI: FOR PERSONS W/SKIN SENSITIVE TO CASHEW RESINS & FIBER GLASS. EYE PROT: EYE PROT IS GOOD PRAC WHERE DUST IS PROPELL ED BY GRINDING OR DRILLING ACTIVITIES. OTHER PRECAUT:METHOD OF CLEANING FOR OTHER SURFACES. HCC:N1 Boiling Pt:B.P. Text:NA Melt/Freeze Pt:M.P/F.P Text:NA Decomp Temp:Decomp Text:NP Vapor Pres:NP Vapor Density:NA Spec Gravity :1.5-3.5 pH:NP Viscosity:NP Evaporation Rate & amp; Reference:0, BUTYL ACETATE=1 Solubility in Water: INSOLUBLE Appearance and Odor:SOLID, BROWNISH GREY COLOR, FRICTION MATERIAL ODOR Percent Volatiles by Volume:NP **Corrosion Rate:NP** 

Stability Indicator/Materials to Avoid:YES Hazardous Decomposition Products:INCOMPLETE COMBUSTION WILL CREATE CARBON MONOXIDE & DIOXIDE.

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

Waste Disposal Methods:HAZARDOUS INGREDS:40CFR PART 262 & APPLICABLE STATE & LOCAL REGULATIONS.

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