Product ID: FIXMASTER URETHANE SEALANT, 97183
MSDS Date: 03/12/1997
FSC: 8030
NIIN: 00N068501
MSDS Number: CHJCW

=== Responsible Party ===
Company Name: FEL-PRO CHEMICAL PRODUCTS LP
Address: 6120 EAST 58TH AVE
City: COMMERCE CITY
State: CO
ZIP: 80022
Country: US
Info Phone Num: 303-289-5651
Emergency Phone Num: 800-424-9300 (CHEMTREC)
Preparer's Name: CATHY GRIFFITH
CAGE: GO402

=== Contractor Identification ===
Company Name: FEL-PRO CHEMICAL PRODUCTS DIV OF FELT PRODUCTS
Address: 7450 N MCCORMICK
Box: 1205
City: SKOKIE
State: IL
ZIP: 60076-0205
Country: US
Phone: 303-289-5651
CAGE: GO402

Company Name: FEL-PRO CHEMICAL PRODUCTS LP
Address: 6120 EAST 58TH AVE
Box: City: COMMERCE CITY
State: CO
ZIP: 80022
Country: US
Phone: 303-289-5651
CAGE: FELPR

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

Ingred Name: STODDARD SOLVENT; (MINERAL SPIRITS)
CAS: 8052-41-3
RTECS #: WJ8925000
Fraction by Wt: 10-30%
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM

Ingred Name: CALCIUM OXIDE
CAS: 1305-78-8
RTECS #: EW3100000
Fraction by Wt: 5-10%
OSHA PEL: 5 MG/M3
ACGIH TLV: 2 MG/M3

Ingred Name: SILICA, CRYSTALLINE - QUARTZ; (SILICON DIOXIDE (QUARTZ))
CAS: 14808-60-7
RTECS #: VV7330000
Fraction by Wt: 0.1-1.0%
OSHA PEL: SEE TABLE 2-3
ACGIH TLV: 0.1 MG/M3 AUSD

Ingred Name: TALC
CAS: 14807-96-6
RTECS #: WW2710000
Fraction by Wt: 5-10%
OSHA PEL: 20 MPPCF
ACGIH TLV: 2 MG/M3 AUSD

Ingred Name: FILLERS (NON-HAZARDOUS)
OSHA PEL: N/K
ACGIH TLV: N/K

Ingred Name: CALCIUM CARBONATE
CAS: 1317-65-3
RTECS #: EV9580000
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Ingred Name: TITANIUM DIOXIDE
CAS: 13463-67-7
RTECS #: XR2275000
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Ingred Name: SUP DAT: TUBERCULOSIS, SCLERODERMA, &/OR INCRED INCIDENCE OF KIDNEY LESIONS. PRING/RPTD OVEREXP MAY CAUSE LUNG (ING 9)
RTECS #: 9999999ZZ

Ingred Name: ING 8: DMG. THIS PROD CONTAINS ENCAPSULATED TALC. NO EXPOS TO RESPIRABLE TALC IS ANTIC DURING NORM USE OF PROD. (ING 10)
RTECS #: 9999999ZZ

Ingred Name: ING 9: IT SHOULD BE NOTED, HOWEVER, THAT RPTD & PRLNG OCCUP OVEREXP TO TALC HAS BEEN ASSOC W/PULM FIBROSIS &/OR (ING 11)
RTECS #: 9999999ZZ

Ingred Name: ING 10: PNEUMOCONIOSIS. THESE CONDITIONS MAY EXIST WITH OR WITHOUT A DECREASE IN LUNG FUNCTION.
RTECS #: 9999999ZZ

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

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO
Health Hazards Acute and Chronic: ACUTE: EYES: SEV IRRIT. CONT May cause injury to eye tiss if not removed promptly. Skin: FREQUENT/PRLNG CONT MAY IRRITATE SKIN & CAUSE SKIN RASH (DERM). INHAL: VAPS May have strong offensive odor which may cause HDCH, NAUS & VOMIT. PRLNG INHAL May be harmful. CAN CAUSE SEV RESP IRRIT. (EFTS OF OVEREXP)
Explanation of Carcinogenicity: SILICA, CRYSTALLINE-QUARTZ: IARC MONO,
VOL 68, 1997: GROUP 1. NTP 7TH ANNUAL RPT ON CARCINS, 1994: ANTIC TO BE CARCIN.

Effects of Overexposure: HLTH HAZ: INGEST: MAY CAUSE NAGS & VOMIT.
IRRITATING TO MOUTH, THROAT & STOM, W/NAUS. CHRONIC: CONTAINS
ENCAPSULATED SILICON DIOXIDE (QUARTZ, SILICA). NO EXPOS TO FREE
RESPIRABLE SILICA IS ANTIC DURIN G NORM USE OF THIS PROD. IT SHOULD
BE NOTED, HOWEVER, THAT FREE RESPIRABLE SILICA MAY BE RELEASED BY
GRINDING (SUP DAT)

Medical Cond Aggravated by Exposure: PREEXISTING PULMONARY AND
DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS
COMPONENTS.

First Aid Measures

First Aid: EYES: IMMED FLUSH W/PLNTY OF WATER FOR AT LEAST 15 MIN. GET
IMMED MED ATTN. SKIN: REMOVE CONTAM CLTHG. WASH SKIN W/SOAP &
WATER. GET MED ATTN. INHAL: REMOVE TO FRESH AIR. MED PERS MAY ADMIN
OXYGEN IF BRTHNG IS DFCLT. SEEK MED ATTN IF SYMPSPERSST. INGEST:
SWALLOWING <1 OZ WILL NOT CAUSE SIGNIFICANT HARM. FOR LARGER AMTS,
DO NOT INDUCE VOMIT, BUT GIVE 1-2 GLASSES OF WATER TO DRINK & GET
MED ATTN.

Fire Fighting Measures

Flash Point Method: SCC
Flash Point: 200F, 93C
Lower Limits: 1.0%
Upper Limits: 6.0%
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures: WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP . USE
WATER TO COOL EXPOS CONTRS. WATER STEAM DIRECTED INTO FIRE MAY
CAUSE FROTHING W/SUBSEQUENT SPREAD OF FLAME.
Unusual Fire/Explosion Hazard: CLSD CONTRS MAY RUPTURE/EXPLODE (DUE TO
PRESS BULD-UP) WHEN EXPOS TO EXTREME HEAT. IRRITATING &/OR TOX
GASSES/FAMLES MAY BE GENERATED BY THERMAL DECOMP/COMBUST.

Accidental Release Measures

Spill Release Procedures: RECLAIM CLEAN MATL. WEAR APPROP PROT EQUIP
DURING CLEANUP. ABSORB W/INERT MATL, SUCH AS CLAY. SLEEP/SHOVEL
INTO LOOSELY-COVERED WASTE CONTR & REMOVE TO APPROP WASTE AREA.
DISP OF I/A/W FED, STATE, & L OC REGS. DECONTAM/DISP OF CONTAM
CLTHG & ARTICLES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling and Storage

Handling and Storage Precautions: FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN
AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES.
AVOID BREATHING DUST, VAPOR, MIST OR GAS.
Other Precautions: AVOID CONT W/SKIN & EYES. FOR INDUSTRIAL USE ONLY.
KEEP AWAY FROM SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN.
DO NOT REUSE EMPTY CONTAINERS W/O COMMERCIAL CLEAN/RECONDITION.
FOLLOW ALL MSDS/ LABEL PREC EVEN AFTER CONTR IS EMPTIED.

Exposure Controls/Personal Protection
Respiratory Protection: NONE NORM REQUIRED UNDER GEN VENT. IF TLV/PEL IS
EXCEEDED, IF USE IS PERFORMED IN POORLY-VENTILATED SPACE, OR IF
INHAL EFTS OCCUR, USE NIOSH APPROVED VAP CARTRIDGE RESP I/A/W
APPLIC HEALTH & SAFETY RE GS & MANUFACTURER'S RECOMMENDATIONS.
Ventilation: GENERAL VENT USUALLY ADEQUATE. LOCAL EXHAUST AS NEEDED TO
CONTROL VAPOR/DUST LEVELS TO BELOW LOWEST COMPONENT TLV.
Protective Gloves: NITRILE, PVA, VITON GLOVES.
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES.
Other Protective Equipment: EMERGENCY EYEWASH AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA. WEAR CLEAN CLOTHING TO COVER SKIN.
Work Hygienic Practices: FOLLOW GOOD GENERAL INDUSTRIAL SAFETY PRACTICES
DURING USE. DO NOT SMOKE OR EAT DURING USE.
Supplemental Safety and Health
MATS TO AVOID: CNDTNS RELEASES CONSIDERABLE HEAT & MAY RELEASE ACID
FUMES. WATER, EFTS OF OVEREXP. OR MACHINING OF CURED CMPD. INHAL OF
FREE RESPIRABLE SILICA MAY CAUSE SILICOSIS/OTHER SERIOUS DELAY ED
LUNG INJURY. RECENT STUDIES HAVE ALSO SUGGESTED THAT PERS
W/SILICOSIS ARE AT INCRD RISK OF DEVELOPING (ING 8)

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

Boiling Pt: B.P. Text: >318F, >159C
Vapor Pres: <2 @ 20C
Vapor Density: HVR/AIR
Spec Gravity: 1.8969
Evaporation Rate & Reference: SLOWER THAN BUTYL ACETATE
Solubility in Water: REACTS SLOWLY
Appearance and Odor: GRAY LIQUID WITH MILD SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid: YES
STRONG LEWIS/MINERAL ACIDS, STRONG BASES/OXIDANTS, RXN W/AMINES &
MERCAPTANS IN LGE AMTS/UNDER UNCONTROLLED (SUP DAT)
Stability Condition to Avoid: EXPOSURE TO MOISTURE.
Hazardous Decomposition Products: OXIDES OF CARBON, VARIOUS
HYDROCARBONS. IRRITATING ALDEHYDES AND KETONES.

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

Waste Disposal Methods: REVIEW ALL CURRENT FEDERAL, STATE, AND LOCAL
REGULATIONS REGARDING HEALTH AND DISPOSAL FOR APPROPRIATE DISPOSAL
PROCEDURES. INCINERATION PREFERRED.

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assume responsibility for the suitability of this information to their
particular situation.
3M GENERAL OFFICES -- WEATHERBAN 606-NF WHITE ACRYLIC SEALANT

MSDS Safety Information

PSC: 8030
MSDS Date: 08/07/1992
MSDS Num: BVJVB
LIIN: 00N050458
Product ID: WEATHERBAN 606-NF WHITE ACRYLIC SEALANT
MFN: 01
Responsible Party
Cage: 1BY21
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Proprietary Ind: Y
Published: Y

Contractor Summary

Cage: 76381
Name: MINNESOTA MINING AND MFG CO, DBA 3M
Address: 3M CENTER BLDG 224-5S-04
City: SAINT PAUL MN 55144-1000
Phone: 866-556 5712 / 612-733-1110
Cage: 1BY21
Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV
Address: 3M CTR
City: SAINT PAUL MN 55144-1000
Phone: 612-737-4114

Ingredients

Name: *** PROPRIETARY ***

Health Hazards Data

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: YES
IARC: YES
OSHA: NO
Effects of Exposure: ACUTE:EYE/SKIN CONTACT/INGEST: NO ADVERSE HEALTH
EFFECTS
ARE EXPECTED. PRODUCT WAS FOUND TO BE NON-IRRITATING & PRACTICALLY
NON-TOXIC WHEN TESTED IN LAB ANIMALS. INHAL:ODORS MAY BE DISAGREEABLE
&
MAY C AUSE MILD NAUSEA & HEADACHE IN SOME PERSONS. CHRONIC:REPEATED
INGESTION CAUSES TESTICULAR ATROPHY & (EFTS OF OVEREXP)
Explanation Of Carcinogenicity: SEE "LR" VERSION FOR ADDITIONAL
INFORMATION
Signs And Symptoms Of Overexposure: HLTH HAZ: LIVER CHANGES IN LAB ANIMALS.
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: EYE: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD.
SKIN: WASH AFFECTED AREAS W/SOAP & WATER. INHAL: MOVE PERSON TO FRESH AIR
IF IRRITATION OR OTHER SYMPTOMS OCCUR. INGEST: DRINK TWO GLASSES OF MILK OR WATER. CALL MD OR POISON CONTROL CENTER.

Handling and Disposal
---------------------------------------------
Spill Release Procedures: COLLECT SPILLED MATERIAL & CLEAN UP RESIDUE.
PLACE IN DISPOSAL CONTAINER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: INCIN UNUSED/PARTIALLY CURED BULK PROD AFTER MIXING W/FLAMM MATL IN INDUS/COMMERCIAL FACILITY. FULLY CURED MATL MAY BE DISP IN SANIT LANDFILL. DISP SHOULD BE I/A/W APPLIC FEDERAL, STATE & LOCAL REGULA TIONS.
Handling And Storage Precautions: AVOID CONTACT W/EYES & SKIN. ODORS MAY CAUSE MILD NAUSEA & HEADACHE IN SOME PERSONS. KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.

Fire and Explosion Hazard Information
-------------------------------------
Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire/Explosion Hazard: NONE.

Control Measures
----------------
Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: PROVIDE SUFFICIENT VENTILATION TO PREVENT ODOR BUILDUP.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPROVED SAFETY GLASSES (FP N).
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health: NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties
---------------------------
B.P. Text: >210°F, >99°C
Vapor Density: >1
Spec Gravity: 1 (H·2O=1)
PH: 5.5
Solubility in Water: MISCIBLE
Appearance and Odor: WHITE PASTE; SWEET ODOR.
Percent Volatiles by Volume: 22(WT)

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: PROTECT FROM FREEZING.
Hazardous Decomposition Products: CO, CO*2 & SMOKE PARTICLES WHEN
SUBJECTED TO
EXCESSIVE HEAT OR FLAME.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

HAZCOM Label

Product ID: WEATHERBAN 606-NF WHITE ACRYLIC SEALANT
Cage: 1BY21
Company Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS
DIV
Street: 3M CTR
City: SAINT PAUL MN
Zipcode: 55144-1000
Health Emergency Phone: 612-733-1110
Label Required IND: Y
Date Of Label Review: 07/14/1994
Status Code: C
Label Date: 07/14/1994
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: AVOID CONTACT & INHALATION. ACUTE:EYE/SKIN
CONTACT/INGEST:NO ADVERSE HEALTH EFFECTS ARE EXPECTED. PRODUCT WAS
FOUND TO
BE NON-IRRITATING & PRACTICALLY NON-TOXIC WHEN TESTED IN LAB ANIMALS.
INHALATION ODORS MAY BE DISAGREEABLE & MAY CAUSE MILD NAUSEA & HEADACHE IN SOME PERSONS. CHRONIC: CANCER HAZARD. CONTAINS MATERIAL WHICH IS LISTED AS A CARCINOGEN (FP N). REPEATED INGESTION CAUSES TESTICULAR ATROPHY & LIVER CHANGES IN LAB ANIMALS.

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