



SCM CORPORATION

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SECTION I

CODE IDENTIFICATION 896 DATE PRINTED 02/28/86  
PRODUCT IDENTIFICATION SPRED URETHANE FL-EN CALUMET

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT  | WEIGHT PERCENT | THRESHOLD LIMIT VALUE | LEL | VAPOR PRESS. |
|---|----------------|-----------------------|-----|--------------|
| MINERAL SPIRITS<br>CAS NO. - 64742-38-7           | 40             | 100 PPM *             | 1.0 | 7.00         |
| ORGANOPHILIC CLAY<br>CAS NO. - 68953-58-2         | 2              | 10 MG/M3              |     |              |
| MAGNESIUM SILICATE (TALC)<br>CAS NO. - 14807-96-6 | 5              | 2 MG/M3               |     |              |

\* NONE ESTABLISHED BY ACGIH. VALUE SHOWN IS TYPICALLY RECOMMENDED BY SUPPLIERS.  
THE THRESHOLD LIMIT VALUE (TLV) IS THE TIME WEIGHTED AVERAGE (TWA) TO WHICH IT IS BELIEVED THAT MOST WORKERS MAY BE EXPOSED 8-10 HOURS PER DAY, 40 HOURS PER WEEK WITHOUT ADVERSE HEALTH EFFECTS.  
LEL - THE LOWER EXPLOSIVE LIMIT IS THE LOWEST CONCENTRATION (% OF VOLATILES IN AIR) THAT WILL PRODUCE A FLASH OF FIRE WHEN AN IGNITION SOURCE IS PRESENT.

SECTION III - PHYSICAL DATA

BOILING RANGE 313 - 374 F WEIGHT PER GALLON 8.50  
% VOLATILE BY VOLUME 52.80

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SETA) 105 F LOWER EXPLOSIVE LIMIT 1.0

UNSPS) PAINT, UN 1263

# MATERIAL SAFETY DATA SHEET

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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HAZARD CLASS COMBUSTIBLE LIQUID

EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE.  
VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPERATURES.  
MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.

SPECIAL FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

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## SECTION V - HEALTH HAZARD DATA

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ROUTE OF ENTRY INHALATION  
SKIN  
EYES  
INGESTION

EFFECTS OF OVEREXPOSURE

IRRITATION OF EYES, SKIN, RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO FATIGUE, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, CENTRAL NERVOUS SYSTEM DEPRESSION. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING, BLURRED VISION, TEARING OF EYES, REDNESS OF EYES. POSSIBLE NAUSEA, VOMITING, DIARRHEA, ANESTHETIC EFFECT OR NARCOSIS.  
NOTICE - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

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## SECTION V - HEALTH HAZARD DATA

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### EMERGENCY AND FIRST AID PROCEDURES

- INHALATION** MOVE PERSON TO WELL VENTILATED AREA.  
GET EMERGENCY MEDICAL ATTENTION.  
ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY.
- SKIN CONTACT** FLUSH FROM SKIN WITH WATER, THEN WASH THOROUGHLY WITH SOAP AND WATER.  
REMOVE CONTAMINATED CLOTHING.  
WASH CONTAMINATED CLOTHING BEFORE RE-USE.
- EYE CONTACT** FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET EMERGENCY MEDICAL ATTENTION.
- INGESTION** GET EMERGENCY MEDICAL ATTENTION.

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## SECTION VI - REACTIVITY DATA

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- STABILITY** STABLE
- INCOMPATIBILITY** OXIDIZERS  
ACIDS  
BASES  
AMINES
- CONDITIONS TO AVOID** ELEVATED TEMPERATURES  
CONTACT WITH OXIDIZING AGENT

### HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE  
CARBON DIOXIDE

### HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

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## SECTION VII - SPILL OR LEAK PROCEDURES

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### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION.  
VENTILATE AREA.  
SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS.  
LARGE SPILLS - OBSERVE STEPS FOR SMALL SPILLS. SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGE MATERIAL AND RINSE WATER OUT OF SEWERS OR WATER COURSES. COMPLY WITH ALL APPLICABLE REGULATIONS FOR HEALTH AND POLLUTION CONTROL.

### WASTE DISPOSAL

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.  
AVOID DISCHARGE TO NATURAL WATERS.

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## SECTION VIII - SPECIAL PROTECTION INFORMATION

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### RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE STANDARDS. WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS IN ACCORDANCE WITH OSHA STANDARD 29 CFR 1910.134.

### VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

### PERSONAL PROTECTIVE EQUIPMENT

EYE WASH  
SAFETY SHOWER  
SAFETY GLASSES OR GOGGLES  
IMPERVIOUS GLOVES

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## SECTION IX - SPECIAL PRECAUTIONS

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### HANDLING AND STORAGE

STORE BELOW 100 F.  
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.  
KEEP FROM FREEZING.

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## SECTION IX - SPECIAL PRECAUTIONS

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**OTHER PRECAUTIONS** USE ONLY WITH ADEQUATE VENTILATION.  
DO NOT TAKE INTERNALLY.  
KEEP OUT OF REACH OF CHILDREN.  
AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS.  
WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.  
KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.  
AVOID BREATHING SANDING DUST.  
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.