```
FLO-KEM, INC.
19402 SUSANA RD.
RANCHO DOMINGUEZ, CA 90221
EMERGENCY TEL. NO. 213-632-7124
```

MATERIAL SAFETY DATA SHEET ESSENTIALLY SIMILAR TO FORM OSHA 174

## SECTION I. IDENTIFICATION OF PRODUCT

IDENTITY: CARPET CLNR MSDS NUMBER: 340 DATE PREPARED: 1-1-90 REVISION:

HAZARD RATING:

4 = EXTREME 1 = SLIGHT

3 = HIGH 0 = INSIGNIFICANT 2 = MODERATE \* = SEE SECTION IV

LOXICITY: 1 RE: REACTIVITY: 0

SPECIAL:

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY-COMMON NAME(S): S-ETHYLENE GLYCOL N-BUTYL ETHER CAS NUMBER: 111762 OSHA PEL: 25PPM ACGIH TLV: TWA 25PPM

% (OPTIONAL):

OTHER LIMITS RECOMMENDED:

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212 F VAPOR PRESSURE (MM HG\_): NA VAPOR DENSITY (AIR = 1): NA TLUBILITY IN WATER: COMPLETE PEARANCE: CLEAR YELLOW GREEN LIQUID PH & 77 F: 13.2 ODOR:

SPECIFIC GRAVITY (H20=1): 1.09 MELTING POINT: NA EVAPORATION RATE (BUTYL ACETATE = 1): APPROX 1

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: USE ANY APPROPRIATE MEDIUM TO EXTINGUISH SURROUNDING FIRE CIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL NEARBY CONTAINERS UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION V. HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? EYES? X SKIN? X INGESTION? X (ACUTE) HEALTH HAZARDS: EYES: CONTACT WITH THE EYES WILL CAUSE EYE IRRITATION

SKIN: CONTACT WITH THE SKIN WILL CAUSE SKIN IRRITATION

INGESTION: SWALLOWING MAY CAUSE IRRITATION TO THE THROAT, MOUTH, AND DIGESTIVE TRACT ACCOMPANIED BY NAUSEA AND VOMITING.

INHALATION: PROLONGED EXPOSURE TO VAPORS IN POORLY VENTILATED AREAS MAY CAUSE IRRITATION OF THE MUCOUS MEMBRANES OF THE RESPIRATORY TRACT.

(CHRONIC) HEALTH HAZARDS: NONE CURRENTLY KNOWN

SIGNS AND SYMPTOMS OF EXPOSURE:

NONE CURRENTLY KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF IRRITATION OCCURS OR PERSISTS

OBTAIN MEDICAL ATTENTION.

SKIN: WASH OFF WITH WATER. IF IRRITATION OCCURS OR PERSISTS, OBTAIN MEDICAL ATTENTION.

INGESTION: GIVE TWO GLASSES OF WATER. DO NOT INDUCE VOMITING. HAVE MEDICAL PERSONNEL DETERMINE IF EVACUATION OF THE STOMACH IS NECESSARY. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

INHALATION: IF INHALED, REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF RESPIRATORY IRRITATION OCCURS OR IF BREATHING BECOMES DIFFICULT.

SECTION VI. TOXICITY DATA

CARCINOGENICITY: NO NTP? IARC MONOGRAPHS? OSHA REGULATED?

ORAL:

INMALATION:

SECTION VII. REACTIVITY DATA

UNSTABLE: STABLE: X

## CONDITIONS TO AVOID:

ACOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS, OXIDIZING MATERIALS

HAZARDS DECOMPOSITION OR SYPRODUCTS: NO

HAZARDOUS POLYMERIZATION - MAY OCCUR: WILL NOT OCCUR: X

CONDITIONS TO AVOID:

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILLS: MOP OR WIPE UP EXCESS MATERIAL. FLUSH SPILL AREA WITH WATER TO REMOVE ANY RESIDUE.

FOR LARGE SPILLS: DIKE MATERIAL TO PREVENT RUN-OFF. ABSORB SPILL WITH ABSORBENT MATERIAL AND PLACE IN SUITABLE CONTAINER OR PICK UP WITH VACUUM TRUCK. FLUSH SPILL AREA WITH WATER TO REMOVE ANY RESIDUE. NOTIFY LOCAL, STATE AND FEDERAL OFFICIALS AS REQUIRED.

WASTE DISPOSAL METHOD:

MATERIAL THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF AT AN APPROVED FACILITY IN ACCORDANCE WITH ANY APPLICABLE PEGULATIONS UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.

NOTE: STATE AND LOCAL REGULATIONS MAY BE MORE STRINGENT THAN FEDERAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: PROTECT FROM FREEZING. STORE IN A COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

SECTION IX. CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): GOOD ROOM VENTILATION REQUIRED

VENTILATION: NA LOCAL EXHAUST: NA MECHANICAL (GENERAL): IN CONFINED AREAS SPECIAL: NA OTHER:

PROTECTIVE GLOVES: RUBBER OR PLASTIC EYE PROTECTION: FULL FACE SHEILD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE WASH

## ORK/HYGIENIC PRACTICES:

A LACK OF GOOD ROOM VENTILATION MAY REQUIRE A MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW THE PEL. THE RECOMMENDATIONS DESCRIBED IN THIS SECTION ARE PROVIDED AS GENERAL GUIDANCE FOR MINIMIZING EXPOSURE WHEN HANDLING THIS PRODUCT. BECAUSE USE CONDITIONS WILL VARY, DEPENDING UPON CUSTOMER APPLICATIONS, SPECIFIC SAFE HANDLING PROCEDURES SHOULD BE DEVELOPED BY PERSONS KNOWLEDGEABLE OF THE INTENDED USE CONDITIONS AND EQUIPMENT. 三型號 产

SECTION X. DOT HAZARDOUS INFORMATION	
1	
"N/NA:"	
ASSIFICATION:	
PROPER SHIPPING NAME:	
PHOTO CHEMICALLY REACTIVE?	
NON-PHOTO CHEMICALLY REACTIVE?	
<4%>4%	
CECTION VI MICARIA MACANA	
SECTION XI. MISCELLANEOUS INFORMATION	
NONE	
*****************	

## NOTICE

ALL INFORMATION, RECOMMENDATIONS, AND SUGGESTIONS APPEARING HEREIN CONCERNING THIS PRODUCT ARE BASED UPON DATA OBTAINED FROM THE MANUFACTURER AND/OR RECOGNIZED TECHNICAL SOURCES; HOWEVER, FLO-KEM, INC. MAKES NO WARRANTY, REPRESENTATION OR GUARANTY AS TO THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE MATERIAL SET FORTH HEREIN. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY HIS OWN USE, HANDLING AND DISPOSAL OF THE PRODUCT. ADDITIONAL PRODUCT LITERATURE MAY BE AVAILABLE UPON REQUEST. SINCE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OF IMPLIED, IS MADE BY FLO-KEM, INC. AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED OR THE SAFETY AND TOXICITY OF THE PRODUCT, NOR DOES FLO-KEM, INC. ASSUME ANY LIABILITY ARISING OUT OF USE BY OTHERS OF THE PRODUCT.

NA - NOT APPLICABLE

S - MAY BE ABSCRBED THROUGH INTACT SKIN

ND - NO DATA AVAILABLE