

CUST332

HILLSBORO ELEMENTARY SCHOOLS

211 S.E. 31st Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET. CM 0175



Q-D-KEM, INC.
102 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 RESILIENT TILE SEAL FL139

IDENTITY:
MSDS NUMBER: 139
DATE PREPARED: 07-01-86
REVISION: 0

HAZARD RATING:
4 = EXTREME 1 = SLIGHT
3 = HIGH 0 = INSIGNIFICANT
2 = MODERATE * = SEE SECTION IV

TOXICITY: 1
FIRE: 0
REACTIVITY: 0
SPECIAL:

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL
IDENTITY-COMMON NAME(S):
ETHYLENE GLYCOL
CAS NUMBER: 107211
OSHA PEL: 50PPM
ACGIH TLV: 50PPM
OTHER LIMITS RECOMMENDED:
% (OPTIONAL): 3%

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212 F
VAPOR PRESSURE (MM HG.): 23.7
VAPOR DENSITY (AIR = 1): <1
SOLUBILITY IN WATER: EMULSIFIES
APPEARANCE: OFF WHITE COLOR
COLOR: ACRYLIC

SPECIFIC GRAVITY (H2O=1): 1.033
MELTING POINT: NA
EVAPORATION RATE
(BUTYL ACETATE = 1): <1
PH @ 77 F: 9.2 - 9.9

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD USED): NONE TO BOILING.

PMCC

EXTINGUISHING MEDIA: ANY APPROPRIATE MEDIUM FOR EXTINGUISHING SURROUNDING FIRE

SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL NEARBY CONTAINERS

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL CAN SPATTER ABOVE 100 C/ 212 F
DRIED POLYMER FILM WILL BURN.

SECTION V. HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? EYES? SKIN? INGESTION? X
(ACUTE) HEALTH HAZARDS:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF IRRITATION OCCURS, OBTAIN
MEDICAL ATTENTION.

SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE SKIN IRRITATION.

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

INHALATION: VAPOR OR MIST MAY CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE
AND THROAT.

(CHRONIC) HEALTH HAZARDS:
NO

SIGNS AND SYMPTOMS OF EXPOSURE:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
NONE CURRENTLY KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF IRRITATION OCCURS, OBTAIN
MEDICAL ATTENTION.

SKIN: WASH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, OBTAIN MEDICAL
ATTENTION.

INGESTION: GIVE TWO GLASSES OF WATER. INDUCE VOMITING IF IT HAS NOT OCCURED.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. OBTAIN
MEDICAL ATTENTION.

INHALATION: 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:
DERMAL:
INHALATION:

STABILITY:

UNSTABLE:
STABLE: X

CONDITIONS TO AVOID: TEMPERATURES OVER
177 C/ 350 F

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDS DECOMPOSITION OR BYPRODUCTS: OXIDES OF CARBON.

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:

KEEP SPECTATORS AWAY. FLOOR MAY BE SLIPPERY; USE CARE TO AVOID FALLING. DIKE AND CONTAIN SPILL WITH INERT MATERIAL. TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL AND SOLID DIKING MATERIAL TO SEPARATE CONTAINERS FOR DISPOSAL. KEEP SPILLS AND CLEANING RUN-OFFS OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD:

COAGULATE THE EMULSION BY THE STEPWISE ADDITION OF FERRIC CHLORIDE AND LIME. INCINERATE LIQUID AND THE CONTAMINATED DIKING MATERIAL ACCORDING TO THE LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE IN A COOL, DRY PLACE. KEEP FROM FREEZING. KEEP CONTAINER TIGHTLY CLOSED

OTHER PRECAUTIONS:

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

SECTION IX. CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.

VENTILATION: GENERAL ROOM.

LOCAL EXHAUST: NA

MECHANICAL (GENERAL): NA

SPECIAL: NA

OTHER:

PROTECTIVE GLOVES: IMPERVIOUS

EYE PROTECTION: FACE SHIELD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGIENIC PRACTICES:

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.

SECTION X. DOT HAZARDOUS INFORMATION

UN/NA: NA
CLASSIFICATION: NA
PROPER SHIPPING NAME: NA
PHOTO CHEMICALLY REACTIVE? _____X NA
NON-PHOTO CHEMICALLY REACTIVE? _____
 <4% _____>4% _____ NA

NONE

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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 OF 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 OR 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 ABSORBED THROUGH INTACT SKIN
ND - NO DATA AVAILABLE