Item # 29191

08/30/86

MATERIAL SAFETY DATA SHEET 11,712

8381

SECTION I - NAME AND PRODUCT

MFG NAME AND ADDRESS
EM SCIENCE
111 WOODCREST ROAD
P.O. BOX 5018
CHERRY HILL
NJ 080340395

CHEMICAL NUMBER: MSX0143G-3
ITEM NUMBER : 734608
VNDR CATLG NBR :
ENTRY DATE : 12-31-85
CHANGE DATE :
EMERGENCY PHONE: 609 3549200

CHEMICAL NAME :
SILICA GEL
TRADE NAME SYN :
AMORPHOUS SILICA, PRECIPITATED SILICIC ACID
CHEMICAL FAMILY :
INORGANIC OXIDE

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS:
N/A

SECTION III - PHYSICAL DATA S/10 = SEE SECTION X

BOIL. POINT	SPECIFIC GRAVITY	VAPOR PRESS.	MELT. POINT	VAPOR DENSITY	EVAP. RATE	SOLUBLE IN WATER	PERCENT VOLATILE
N/A	2.2	N/A	1710	N/A	N/A N/A	INSOL.	N/A

APPEARANCE AND ODOR:
WHITE (EXCEPT INDICATING GRADES) ODORLESS CRYSTALS, GRANULES.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONCUNBUSTIBLE
FLAMMABLE LEL: N/A
FLAMMABLE UEL: N/A

EXTINGUISHING MEDIA:
ANY SUITABLE FOR SURROUNDING MATERIALS

SPECIAL FIRE FIGHTING PROCEDURES:
NONE INDICATED

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE INDICATED

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SECTION V - HEALTH HAZARD DATA

THRESHOLD-LIMIT-VALUE:
N/A

EFFECTS OF OVEREXPOSURE:
MAY IRRITATE EYES ON CONTACT. PROLONGED OR REPEATED INHALATION OF DUST MAY CAUSE LUNG DAMAGE (PULMONARY FIBROSIS).

EMERGENCY AND FIRST AID PROCEDURES:
SKIN: WASH WITH SOAP AND WATER
EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.
INHALATION: REMOVE TO FRESH AIR
INGESTION: GET MEDICAL ATTENTION.

SECTION VI - REACTIVITY DATA

INDICATORS: STABILITY - STABLE / POLYMERIZATION - MAY NOT OCCUR
CONDITIONS TO AVOID:
MOISTURE
HEATING ABOVE 600F WILL DESTROY DESICCANT PROPERTIES.

INCOMPATIBILITY (MATL TO AVOID):
ACIDS (HF), STRONG ALKALIES

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:
NONE INDICATED

POLYMERIZATION CONTIONS TO AVOID:
N/A

SECTION VII - SPILL OR LEAK PROCEDURES OR DISPOSAL

MATERIAL RELEASE OR SPILL PROCEDURES:

TAKE UP & CONTAINERIZE FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD:

TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE, AND FEDERAL REGULATIONS.

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SEQ. NO. 8380

SECTION VIII- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:
WEAR DUST RESPIRATOR. USE ONLY IN HOOD.
VENTILATION - LOCAL:
PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION.
VENTILATION - MECHANICAL:
PROVIDE ADEQUATE GENERAL MECHANICAL VENTILATION.
VENTILATION - SPECIAL:
USE UTMOST CAUTION TO PREVENT INHALATION OF DUST.
OTHER
WEAR APRON, AND LONG SLEEVES
PROTECTIVE GLOVES:
SAFETY GLOVES
EYE PROTECTION:
SAFETY GOGGLES

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:
KEEP CONTAINER TIGHTLY CLOSED. WASH THOROUGHLY AFTER HANDLING.

SECTION X - OTHER INFORMATION

NOTE: INDICATING GRADES CONTAIN A SMALL AMOUNT (APPROX. 0.1%) OF AN INDICATING COMPOUND WHICH DOES NOT AFFECT THE HAZARD OR PROTECTION REQUIREMENT DATA CONTAINED HEREIN.

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NOTE: NA OR N/A DENOTES NOT-AVAILABLE OR NON-APPLICABLE