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SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A TRADE NAME & SYNONYMS KEEP 'EM GREEN
CHEMICAL FAMILY ACRYLIC EMULSION FORMULA X<--MIXTURE
MANUFACTURERS NAME: MANTEK, DIVISION OF NCH CORP.
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) BOX 152170 IRVING, TEXAS 75015
PREPARED BY: B SANFORD/CHEMIST PRODUCT CODE NUMBER 1923 EMERGENCY TELEPHONE NUMBER 214-438-1381

SECTION II- HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS.

CHEMICAL NAME (INGREDIENTS) : ETHYLENE GLYCOL
HAZARD-->TOX/IRR. TLV-->50PPM-(C) PEL-->50PPM-(C)
STEL(TWA)* ->NOT EST. CAS#-->107-21-1

SECTION IIA - NON-HAZARDOUS INGREDIENTS

NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE SECRET REGISTRY # 409363-5176P

Table with physical data: BOILING PT. (FAHRENHEIT) 210, SPEC GRAVITY (H2O=1) 1.005, VAPOR PRESSURE (MM HG) 18, COLOR WHITE, VAPOR DENSITY (AIR=1) 0.6, ODOR SLIGHT, PH @ 100% 9.1, CLARITY MILKY, PERCENT VOLATILE BY VOLUME (%) 80, EVAPORATION RATE (BU AC = 1) 0.1, SOLUBILITY IN WATER COMPLETE, VISCOSITY NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) NON-FLAMT.C.C. FLAMMABLE LIMITS LEL N/A UEL N/A
EXTINGUISHING MEDIA "ALCOHOL" X<--FOAM X<--FOAM X<--CO2 DRY X<--CHEMICAL WATER X<--SPRAY <--OTHER
SPECIAL FIRE FIGHTING PROCEDURES CHOICE OF MEDIA DEPENDS ON NATURE OF FIRE.

UNUSUAL FIRE & EXPLOSION HAZARDS N/A

NFPA HAZARD RATING (0=INSIGNIFICANT;1=SLIGHT;2=MODERATE;3=HIGH;4=EXTREME): 1 <--HEALTH 0 <--FLAMMABILITY 0 <--REACTIVITY <--SPECIAL

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE

<--MAY BE IRRITATING TO EYES AND SKIN.<-- ^SWALLOWING LARGE AMOUNTS CAN - ACUTE - (SHORT TERM EXPOSURE)

2/3

CAUSE NAUSEA AND DIARRHEA. ^

- CHRONIC - (LONG TERM EXPOSURE)

SKIN IRRITATION AND REDDENING IF CONTACT IS CHRONIC TO SENSITIVE SKIN.
MARKED EYE IRRITATION IS POSSIBLE.

TARGET ORGANS: NONE KNOWN.

ALTHOUGH THERE IS NOT A PRIMARY ROUTE OF ENTRY INTO THE BODY FOR THIS
PRODUCT THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT.

PRIMARY ROUTE OF ENTRY: <-- INHALATION <-- INGESTION <-- ABSORPTION

EMERGENCY & FIRST AID PROCEDURES

INHALATION:
REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY
IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

EYE CONTACT:
RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING
WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF
IRRITATION DEVELOPS.

SKIN CONTACT:
WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES.
SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION:
GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING
OCCURS GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

NOTES TO PHYSICIAN :

N/A

SECTION VI - TOXICITY INFORMATION

PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY:

IARC	<--YES	NTP	<--YES	OSHA	<--YES	ACGIH	<--YES	OTHER	<--YES
	X<--NO		X<--NO		X<--NO		X<--NO		X<--NO

ETHYLENE GLYCOL
ORL-HMN LDLO: 710MG/KG 2.
IHL-MAN TCLD: 10,000MG/M3 IRR. 2.
ORL-RAT LD50: 6G/KG 3.

SECTION VII - REACTIVITY DATA

STABILITY	X<--STABLE	<--UNSTABLE	CONDITIONS TO AVOID
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N/A

INCOMPATIBILITY (MATERIALS TO AVOID)

N/A

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE UPON BURNING.

HAZARDOUS	WILL NOT	MAY	CONDITIONS TO AVOID
	X<--OCCUR	<--OCCUR	

POLYMERIZATION: N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
CONTAIN LEAK AND FLUSH DOWN FLOOR DRAIN FOLLOWED BY COPIOUS AMOUNTS OF
WATER.

WASTE DISPOSAL METHOD
FLUSH DOWN INTO SANITARY SEWER. CHECK FOR LOCAL CONDITIONS WHICH MAY
CONTRADICT.

NEUTRALIZING AGENT

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION
PRODUCT DOES NOT REQUIRE SPECIAL VENTILATION.

RESPIRATORY PROTECTION

N/A

PROTECTIVE GLOVES

N/A

EYE PROTECTION

N/A

OTHER PROTECTION

N/A

 STORAGE TEMPERATURE | INDOOR | HEATED | REFRIGERATED | OUTDOOR
 120 F. <--MAX | 35 F. <--MIN | X | | |

 PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
 KEEP FROM FREEZING.

 OTHER PRECAUTIONS
 KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL
 BEFORE USING PRODUCT.

SECTION XI - REGULATORY INFORMATION

 CHEMICAL NAME | C.A.S. NUMBER | UPPER % LIMIT
 GLYCOLS | N/A | UE

 THOSE INGREDIENTS LISTED ABOVE ARE SUBJECT TO THE REPORTING REQUIREMENTS OF
 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF
 1986 AND 40 CFR PART 372.
 IF UE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT
 FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE
 JANITORIAL WORK, OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS
 MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND
 LABELED FOR MAINTAINING MOTOR VEHICLES.

 CALIFORNIA PROPOSITION 65
 WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF
 CALIFORNIA TO CAUSE (1) CANCER OR (2) BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:
 NONE

SECTION XII - TRANSPORTATION * (FOR FUTURE USE)

 APPLICABLE REGULATIONS
 <--49 CFR <--IMCO <--TARIFF 6 D <--IATA <--MILITARY AIR (AFR 71-4)

 SHIPPING NAME

 HAZARD CLASS | ID NUMBER | REPORT QTY

 LABELS | LIMITED QTY

 UNIT CONTAINER

 DOT SPS CONTAINER | NET EXPLOSIVE WT.

 AEROSOL PROPELLANT(S)

SECTION XIII - REFERENCES

- 1. THRESHOLD LIMIT VALUE FOR CHEMICAL SUBSTANCES IN THE WORK
 ENVIRONMENT, 2ND EDITION, ACGIH, 1985.
 2. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION,
 N. IRVING SAX.
 3. VENDOR'S MSDS.

 *SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE
 FEDERAL REGISTER/VOL.54 NO.12, 1-19-89

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 UNRECOMMENDED USE, STORAGE, OR DISPOSAL OF THE PRODUCT.