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PRODUCT: SRC18

AMINOPROPYLTRIETHOXYSILANE

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:
 GE SILICONES
 260 HUDSON RIVER ROAD
 WATERFORD, NY 12188

SUPPLIED BY:
 GE SILICONES
 260 HUDSON RIVER ROAD
 WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)
 (518) 237-3330

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 (518) 237-3330

REVISED: 05/17/00
 PREPARER: CE HANNIGAN
 CHEMICAL FAMILY/USE: SILICONE SILANE
 FORMULA: NH₂(CH₂)₃SI(OC₂H₅)₃

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
1. HAZARDOUS AMINOPROPYLTRIETHOXYSILANE 919-30-2	80-99	NF	NE	NF	NE	NA
2. NON-HAZARDOUS None Found						

See Section 15 for description of any WEMIS Trade Secret(s)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

Harmful if swallowed.
 Causes vomiting, nausea, and diarrhea.
 May cause tissue damage.
 Irritation of the mouth, throat, and stomach
 May be fatal if swallowed.
 May cause liver and kidney damage.

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MARKETED BY

HARWICK STANDARD
DISTRIBUTION CORPORATION
 60 S. Seiberling Street • Akron, Ohio 44305

SKIN CONTACT:

Harmful if absorbed through the skin.
May cause severe skin irritation.
May cause skin burns.
Skin absorption may cause kidney damage.

INHALATION:

Excessive inhalation causes headache, dizziness, nausea and incoordination.
Causes irritation of the mouth, nose, and throat.
Harmful if inhaled.

EYE CONTACT:

Causes severe eye irritation may damage tissue.
May cause permanent eye damage
Causes corneal burns.

MEDICAL CONDITIONS AGGRAVATED:

Respiratory
Liver, kidney
Dermal ailments.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

Dermatitis.
Respiratory ailments.
Liver and kidney damage.

CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more is **NOT** listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

PRODUCTS/INGREDIENTS

This space reserved for special use.

PRINCIPLE ROUTES OF EXPOSURE:

Oral.
Dermal - skin.
Eyes.
Inhalation.

OTHER:

This product reacts with water or moisture to form ethanol. Repeated ingestion of ethanol by pregnant women has been shown to cause birth defects in their infants (Fetal Alcohol Syndrome). The International Agency for Research on Cancer (IARC) has determined that long term ingestion of ethanol causes the development of malignant tumors in the oral cavity, pharynx, larynx, esophagus and liver in humans.

4. FIRST AID MEASURES**INGESTION:**

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give any-

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thing by mouth to an unconscious person.

SKIN:

Remove contaminated clothing and launder before reuse.

Wash with soap and water.

Get medical attention if irritation persists.

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT:

104 (C) 220 (F) ~~104 220~~

METHOD :

TOC.

IGNITION TEMP :

UNKN (C) UNKN (F)

FLAMMABLE LIMITS IN AIR - LOWER (%): UNKN

FLAMMABLE LIMITS IN AIR - UPPER (%): UNKN

SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA:

Carbon dioxide

Dry chemical

Sodium chloride

Foam

SPECIAL FIREFIGHTING PROCEDURES:

Do not use water because of reaction.

Positive pressure, self-contained breathing apparatus

Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a container for disposal.

Wear proper protective equipment as specified in the protective equipment section.

Warn other workers of spill.

Increase area ventilation.

Person not trained should evacuate area.

7 HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes.
 Use only in a well ventilated area.
 Caution!

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Exhaust ventilation
 Showers.
 Eyewash stations.
 Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.
 Appropriate respiratory protection shall be worn when applied
 engineering controls are not adequate to protect against
 inhalation exposure.

PROTECTIVE GLOVES:

Polyvinylchloride.

EYE AND FACE PROTECTION:

Monogoggles.
 Face shield.

OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

VENTILATION:

Use only in well ventilated area.
 Mechanical ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	217	(C)	423	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	~10			
VAPOR DENSITY (AIR=1)	:	UNKN			
FREEZING POINT	:	NA	(C)	NA	(F)
MELTING POINT	:	NA	(C)	NA	(F)
PHYSICAL STATE	:	LIQUID			
ODOR	:	AMINO ODOR			
COLOR	:	COLORLESS			

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ODOR THRESHOLD (PPM) : UNK
% VOLATILE BY VOLUME : <1
EVAP. RATE (BUTYL ACETATE=1) : <1
SPECIFIC GRAVITY (WATER=1) : 0.943
DENSITY (KG/M3) : 943
ACID/ALKALINITY (MEQ/G) : ESS.NEUT
PH : ~7
VOC EXCL.H2O & EXEMPTS(G/L) : 924
SOLUBILITY IN WATER (20 C) : REACTS
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) : UNKNOWN

10. STABILITY AND REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:
Carbon dioxide.
Silicon dioxide.
Ethanol.
INCOMPATIBILITY (MATERIALS TO AVOID):
Avoid contact with acidic, basic, or oxidizing agents.
CONDITIONS TO AVOID:
Keep away from any contact with water.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:
ACUTE ORAL LD50 (MG/KG): 1780 (RAT)
ACUTE DERMAL LD50 (MG/KG): 4,000 (RBT)
ACUTE INHALATION LC50 (MG/L): NONE FOUND
OTHER:
Severe eye irritation (rbt).
AMES TEST: UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time

13. DISPOSAL CONSIDERATIONS

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DISPOSAL METHOD:

Disposal should be made in accordance with federal, state and local regulations.

Incineration recommended in approved incinerator according to federal, state, and local regulations.

14 TRANSPORT INFORMATION

DOT SHIPPING NAME: CORROSIVE LIQUID
 N.O.S. (Aminopropyltriethoxysilane).
 DOT HAZARD CLASS: 8
 DOT LABEL(S): CORROSIVE
 UN/NA NUMBER: UN1760
 PLACARDS: CORROSIVE
 IATA:
 Corrosive Liquid N.O.S. (Aminopropyltriethoxysilane), 8, UN1760,
 III.
 IMO IMDG-code: 8
 IMDG PG. 8147
 EMS No: EmS. No.8-15, MFAG Table No.760 & Subsection 4.3
 EUROPEAN CLASS:
 RID (OCTI): 8
 ADR (ECE): 8
 RAR (IATA): 8

15. REGULATORY INFORMATION

SARA SECTION 302:
 None Found
 SARA (311,312) HAZARD CLASS:
 ACUTE HEALTH HAZARD
 CHRONIC HEALTH HAZARD
 SARA (313) CHEMICALS:
 NONE
 CPSC CLASSIFICATION: NA
 WHMIS HAZARD CLASS:
 D2B TOXIC MATERIALS
 WHMIS TRADE SECRET:
 None
 EXPORT:
 SCHDLE B/HTSUS: 2931.00 Organo Silicon Compounds
 ECCN: -
 HAZARD RATING SYSTEMS
 HMIS FLAMMABILITY 1 , REACTIVITY 2 , HEALTH 3
 NFPA FLAMMABILITY 1 , REACTIVITY 2 , HEALTH 3

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CALIFORNIA PROPOSITION 65:

NONE

16 OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

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 These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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 C = ceiling limit NEGL = negligible
 EST= estimated NF = none found
 NA = not applicable UNKN = unknown
 NE = none established REC = recommended
 ND = none determined V = recomm. By vendor
 By-product = reaction by- SKN = skin
 product, TSCA inventory TS = trade secret
 status not required under R = recommended
 40 CFR part 720.30(h-2) MST = mist
 STEL = short term exposure NT = not tested
 limit

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 DATE PRINTED: 05/08/01

*** END OF MSDS ***