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SDS

Common Name: 39377 SEAM SEALER**Manufacturer:** SEM PRODUCTS**SDS Revision Date:** 1/8/2016**SDS Format:** GHS-US**Item Number(s):** 59JG20**Manufacturer Model Number(s):**

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SEM

SAFETY DATA SHEET

ACC. TO OSHA HCS

PRINTING DATE: 05/31/2016

REVIEWED ON: 01/08/2016

1 IDENTIFICATION



PRODUCT IDENTIFIER:

TRADE NAME: 39377 SEAM SEALER

ARTICLE NUMBER: 39377

APPLICATION OF THE SUBSTANCE / THE MIXTURE: SEALANT

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER/SUPPLIER:

SEM PRODUCTS INC.
1685 OVERVIEW DRIVE
ROCK HILL, SC 29730

803 207 8225

INFORMATION DEPARTMENT:

CUST_CARE@SEMPRODUCTS.COM:
SEM PRODUCTS, INC.
1685 OVERVIEW DR.
ROCK HILL, SC 29730

PHONE: 1-800-831-1122, M - TH 7AM - 4PM EDT

EMERGENCY TELEPHONE NUMBER:
CHEMTREC: 1-800-424-9300

2 HAZARD(S) IDENTIFICATION



|

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS08: HEALTH HAZARD

CARC. 2:
H351: SUSPECTED OF CAUSING CANCER.

GHS07: EXCLAMATION MARK

ACUTE TOX. 4:
H302: HARMFUL IF SWALLOWED.

SKIN IRRIT. 2:
H315: CAUSES SKIN IRRITATION.

EYE IRRIT. 2A:
H319: CAUSES SERIOUS EYE IRRITATION.

SKIN SENS. 1:
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

STOT SE 3:
H335: MAY CAUSE RESPIRATORY IRRITATION.

LABEL ELEMENTS:

GHS LABEL ELEMENTS:
THE PRODUCT IS CLASSIFIED AND LABELED ACCORDING TO THE GLOBALLY HARMONIZED
SYSTEM (GHS).

HAZARD PICTOGRAMS:
GHS07: EXCLAMATION MARK
GHS08: HEALTH HAZARD

SIGNAL WORD: WARNING

HAZARD-DETERMINING COMPONENTS OF LABELING:
BISPHENOLA(CHLORO)OXIRANE POLYMER
MERCAPTAN TERMINATED POLYMER NJTS 800938 5952
2,4,6-TRIS(DIMETHYLAMINOMETHYL) PHENOL
[3-(2,3-EPOXYPROPOXY) PROPYL]TRIMETHOXY SILANE

HAZARD STATEMENTS:

H302: HARMFUL IF SWALLOWED.
H315: CAUSES SKIN IRRITATION.
H319: CAUSES SERIOUS EYE IRRITATION.
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.
H351: SUSPECTED OF CAUSING CANCER.
H335: MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS:

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY

P280: WEAR PROTECTIVE GLOVES.

P280: WEAR EYE PROTECTION / FACE PROTECTION.

P264: WASH THOROUGHLY AFTER HANDLING.

P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

P272: CONTAMINATED WORK CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE.

P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P202:

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

P305+P351+P338:

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P321: SPECIFIC TREATMENT (SEE ON THIS LABEL).

P301+P312:

IF SWALLOWED: CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

P304+P340:

IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

P363: WASH CONTAMINATED CLOTHING BEFORE REUSE.

P308+P313:

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P333+P313:

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P337+P313:

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P330: RINSE MOUTH.

P302+P352:

IF ON SKIN: WASH WITH PLENTY OF WATER.

P362+P364: TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

P405: STORE LOCKED UP.

P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

P501:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH
LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

CLASSIFICATION SYSTEM:

NFPA RATINGS (SCALE 0 - 4):

HEALTH 2
FIRE 1
REACTIVITY 0

HMIS-RATINGS (SCALE 0 - 4):

HEALTH 2
FIRE 1
REACTIVITY 0

OTHER HAZARDS:

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.
VPVB: NOT APPLICABLE.

3 COMPOSITION/INFORMATION ON INGREDIENTS



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CHEMICAL CHARACTERIZATION: MIXTURES

DESCRIPTION:

MIXTURE: CONSISTING OF THE FOLLOWING COMPONENTS.

WEIGHT PERCENTAGES:

DANGEROUS COMPONENTS:

	MERCAPTAN TERMINATED POLYMER NJTS 800938 5952	30 - 40%
25068-38-6	BISPHENOLA (CHLORO) OXIRANE POLYMER	30 - 40%
67762-90-7	FUMED SILICA	5 - 7%
26142-30-3	POLYMER OF EPICHLOROHYDRIN-POLYGLYCOL	1.5 - 5%
68909-14-8	ELASTOMER MODIFIED DIGLYCIDAL ETHER	1.5 - 5%
90-72-2	2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL	1.5 - 5%
17557-23-2	1,3-BIS (2,3-EPOXYPROPOXY) -2,2-DIMETHYLPROPANE	1 - 1.5%
74398-71-3	CASTOR OIL GLYCIDAL ETHER	</=1%
13463-67-7	TITANIUM DIOXIDE	</=1%

4 FIRST-AID MEASURES



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DESCRIPTION OF FIRST AID MEASURES:

GENERAL INFORMATION:

IMMEDIATELY REMOVE ANY CLOTHING SOILED BY THE PRODUCT.

SYMPTOMS OF POISONING MAY EVEN OCCUR AFTER SEVERAL HOURS; THEREFORE MEDICAL OBSERVATION FOR AT LEAST 48 HOURS AFTER THE ACCIDENT.

AFTER INHALATION:

SUPPLY FRESH AIR AND TO BE SURE CALL FOR A DOCTOR.

IN CASE OF UNCONSCIOUSNESS PLACE PATIENT STABLY IN SIDE POSITION FOR TRANSPORTATION.

AFTER SKIN CONTACT:

IMMEDIATELY WASH WITH WATER AND SOAP AND RINSE THOROUGHLY.

AFTER EYE CONTACT:

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, CONSULT A DOCTOR.

AFTER SWALLOWING: IMMEDIATELY CALL A DOCTOR.

INFORMATION FOR DOCTOR:

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
NO FURTHER RELEVANT INFORMATION AVAILABLE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
NO FURTHER RELEVANT INFORMATION AVAILABLE.

5 FIRE-FIGHTING MEASURES



EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING AGENTS:

USE FIRE FIGHTING MEASURES THAT SUIT THE ENVIRONMENT.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:
NO FURTHER RELEVANT INFORMATION AVAILABLE.

ADVICE FOR FIREFIGHTERS:

PROTECTIVE EQUIPMENT: NO SPECIAL MEASURES REQUIRED.

6 ACCIDENTAL RELEASE MEASURES



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PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
NOT REQUIRED.

ENVIRONMENTAL PRECAUTIONS: NO SPECIAL MEASURES REQUIRED.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

ABSORB WITH LIQUID-BINDING MATERIAL (SAND, DIATOMITE, ACID BINDERS, UNIVERSAL BINDERS, SAWDUST).

DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO ITEM 13.

ENSURE ADEQUATE VENTILATION.

REFERENCE TO OTHER SECTIONS:

SEE SECTION 7 FOR INFORMATION ON SAFE HANDLING.

SEE SECTION 8 FOR INFORMATION ON PERSONAL PROTECTION EQUIPMENT.

SEE SECTION 13 FOR DISPOSAL INFORMATION.

7 HANDLING AND STORAGE



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HANDLING:

PRECAUTIONS FOR SAFE HANDLING:
NO SPECIAL MEASURES REQUIRED.
ENSURE GOOD VENTILATION/EXHAUSTION AT THE WORKPLACE.
OPEN AND HANDLE RECEPTACLE WITH CARE.
PREVENT FORMATION OF AEROSOLS.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
KEEP RESPIRATORY PROTECTIVE DEVICE AVAILABLE.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:
NO SPECIAL REQUIREMENTS.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY: NOT REQUIRED.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS:
KEEP RECEPTACLE TIGHTLY SEALED.

SPECIFIC END USE(S): NO FURTHER RELEVANT INFORMATION AVAILABLE.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION



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ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:
NO FURTHER DATA; SEE ITEM 7.

CONTROL PARAMETERS:

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:
THE PRODUCT DOES NOT CONTAIN ANY RELEVANT QUANTITIES OF MATERIALS WITH
CRITICAL VALUES THAT HAVE TO BE MONITORED AT THE WORKPLACE.

ADDITIONAL INFORMATION:
THE LISTS THAT WERE VALID DURING THE CREATION WERE USED AS BASIS.

EXPOSURE CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:
KEEP AWAY FROM FOODSTUFFS, BEVERAGES AND FEED.
IMMEDIATELY REMOVE ALL SOILED AND CONTAMINATED CLOTHING.
WASH HANDS BEFORE BREAKS AND AT THE END OF WORK.
STORE PROTECTIVE CLOTHING SEPARATELY.
AVOID CONTACT WITH THE EYES AND SKIN.

BREATHING EQUIPMENT:
IN CASE OF BRIEF EXPOSURE OR LOW POLLUTION USE RESPIRATORY FILTER DEVICE.
IN CASE OF INTENSIVE OR LONGER EXPOSURE USE RESPIRATORY PROTECTIVE DEVICE
THAT IS INDEPENDENT OF CIRCULATING AIR.

PROTECTION OF HANDS:
DUE TO MISSING TESTS NO RECOMMENDATION TO THE GLOVE MATERIAL CAN BE GIVEN
FOR THE PRODUCT/ THE PREPARATION/ THE CHEMICAL MIXTURE.

SELECTION OF THE GLOVE MATERIAL ON CONSIDERATION OF THE PENETRATION TIMES,
RATES OF DIFFUSION AND THE DEGRADATION

PROTECTIVE GLOVES:

THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION.

MATERIAL OF GLOVES:

THE SELECTION OF THE SUITABLE GLOVES DOES NOT ONLY DEPEND ON THE MATERIAL, BUT ALSO ON FURTHER MARKS OF QUALITY AND VARIES FROM MANUFACTURER TO MANUFACTURER. AS THE PRODUCT IS A PREPARATION OF SEVERAL SUBSTANCES, THE RESISTANCE OF THE GLOVE MATERIAL CAN NOT BE CALCULATED IN ADVANCE AND HAS THEREFORE TO BE CHECKED PRIOR TO THE APPLICATION.

PENETRATION TIME OF GLOVE MATERIAL:

THE EXACT BREAK TROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.

EYE PROTECTION: TIGHTLY SEALED GOGGLES

9 PHYSICAL AND CHEMICAL PROPERTIES



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INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

GENERAL INFORMATION:

APPEARANCE:

FORM: LIQUID

COLOR: DARK GREY

ODOR: AMINE-LIKE

ODOR THRESHOLD: NOT DETERMINED.

PH-VALUE: NOT DETERMINED.

CHANGE IN CONDITION:

MELTING POINT/MELTING RANGE: UNDETERMINED.

BOILING POINT/BOILING RANGE: 261 DEG. C

FLASH POINT: 257 DEG. C

FLAMMABILITY (SOLID, GASEOUS): NOT APPLICABLE.

IGNITION TEMPERATURE:

DECOMPOSITION TEMPERATURE: NOT DETERMINED.

AUTO IGNITING: PRODUCT IS NOT SELFIGNITING.

DANGER OF EXPLOSION:

PRODUCT DOES NOT PRESENT AN EXPLOSION HAZARD.

IN USE, MAY FORM FLAMMABLE/EXPLOSIVE VAPOUR-AIR MIXTURE.

EXPLOSION LIMITS:

LOWER: NOT DETERMINED.

UPPER: NOT DETERMINED.

VAPOR PRESSURE: NOT DETERMINED.

DENSITY AT 20 DEG. C: 1.25234 G/CM3

RELATIVE DENSITY: NOT DETERMINED.

VAPOR DENSITY: NOT DETERMINED.

EVAPORATION RATE: NOT DETERMINED.

SOLUBILITY IN / MISCIBILITY WITH WATER: NOT MISCIBLE OR DIFFICULT TO MIX.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT DETERMINED.

VISCOSITY:

DYNAMIC AT 20 DEG. C: 160000 MPAS

KINEMATIC: NOT DETERMINED.

SOLVENT CONTENT:

ORGANIC SOLVENTS: 0.0%

SOLIDS CONTENT: 93.8%

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

10 STABILITY AND REACTIVITY



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REACTIVITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

CHEMICAL STABILITY:

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

NO DECOMPOSITION IF USED ACCORDING TO SPECIFICATIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTIONS KNOWN.

CONDITIONS TO AVOID: NO FURTHER RELEVANT INFORMATION AVAILABLE.

INCOMPATIBLE MATERIALS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:

NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

11 TOXICOLOGICAL INFORMATION



INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

PRIMARY IRRITANT EFFECT:

ON THE SKIN: IRRITANT TO SKIN AND MUCOUS MEMBRANES.

ON THE EYE: IRRITATING EFFECT.

SENSITIZATION: SENSITIZATION POSSIBLE THROUGH SKIN CONTACT.

ADDITIONAL TOXICOLOGICAL INFORMATION:

THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED
CALCULATION METHODS FOR PREPARATIONS:

HARMFUL

IRRITANT

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

13463-67-7

TITANIUM DIOXIDE

2B

14808-60-7	QUARTZ (SiO2)	1
1333-86-4	CARBON BLACK	2B
64-17-5	ETHANOL	1

NTP (NATIONAL TOXICOLOGY PROGRAM):

14808-60-7	QUARTZ (SiO2)	K
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OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION):
NONE OF THE INGREDIENTS IS LISTED.

12 ECOLOGICAL INFORMATION



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TOXICITY:

AQUATIC TOXICITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS:

BIOACCUMULATIVE POTENTIAL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

MOBILITY IN SOIL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

ADDITIONAL ECOLOGICAL INFORMATION:

GENERAL NOTES: GENERALLY NOT HAZARDOUS FOR WATER

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.

VPVB: NOT APPLICABLE.

OTHER ADVERSE EFFECTS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

13 DISPOSAL CONSIDERATIONS



WASTE TREATMENT METHODS:

RECOMMENDATION:

MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DO NOT ALLOW
PRODUCT TO REACH SEWAGE SYSTEM.

UNCLEANED PACKAGINGS:

RECOMMENDATION: DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS.

14 TRANSPORT INFORMATION



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UN-NUMBER:

DOT: VOID

ADR, IMDG, IATA: UN3082

UN PROPER SHIPPING NAME:

DOT: VOID

ADR: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.

IMDG, IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

TRANSPORT HAZARD CLASS(ES):

DOT:

CLASS: VOID

ADR, IMDG, IATA:

CLASS 9, MISCELLANEOUS PRODUCTS, SUBSTANCES, OR ORGANISMS
ENVIRONMENT

CLASS: 9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES

LABEL: 9

PACKING GROUP:

DOT: VOID

ADR, IMDG, IATA: III

ENVIRONMENTAL HAZARDS:

PRODUCT CONTAINS ENVIRONMENTALLY HAZARDOUS SUBSTANCES:
BISPHENOLA(CHLORO)OXIRANE POLYMER

MARINE POLLUTANT:

YES

SYMBOL (FISH AND TREE)

SPECIAL MARKING (ADR): SYMBOL (FISH AND TREE)

SPECIAL MARKING (IATA): SYMBOL (FISH AND TREE)

SPECIAL PRECAUTIONS FOR USER:

WARNING: MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES

EMS NUMBER: F-A, S-F

STOWAGE CATEGORY: A

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:
NOT APPLICABLE.

TRANSPORT/ADDITIONAL INFORMATION:

DOT:

REMARKS: ORM-D 49CFR 173.150,156,306

ADR:

EXCEPTED QUANTITIES (EQ):

CODE: E1

MAXIMUM NET QUANTITY PER INNER PACKAGING: 30 ML

MAXIMUM NET QUANTITY PER OUTER PACKAGING: 1000 ML

IMDG:

LIMITED QUANTITIES (LQ): 5L

EXCEPTED QUANTITIES (EQ):

CODE: E1

MAXIMUM NET QUANTITY PER INNER PACKAGING: 30 ML

MAXIMUM NET QUANTITY PER OUTER PACKAGING: 1000 ML

UN "MODEL REGULATION":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., 9, III

**15 REGULATORY INFORMATION**

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SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

SARA:

SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):
NONE OF THE INGREDIENT IS LISTED.

SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

68909-14-8 ELASTOMER MODIFIED DIGLYCIDAL ETHER

107-21-1 ETHANEDIOL

67-56-1 METHANOL

TSCA (TOXIC SUBSTANCES CONTROL ACT):

25068-38-6 BISPHENOLA (CHLORO) OXIRANE POLYMER

1317-65-3 GROUND CALCIUM CARBONATE

67762-90-7 FUMED SILICA

26142-30-3 POLYMER OF EPICHLOROHYDRIN-POLYGLYCOL

68909-14-8 ELASTOMER MODIFIED DIGLYCIDAL ETHER

90-72-2 2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL

17557-23-2 1,3-BIS (2,3-EPOXYPROPOXY) -2,2-DIMETHYLPROPANE

74398-71-3 CASTOR OIL GLYCIDAL ETHER

107-21-1 ETHANEDIOL

2530-83-8 [3-(2,3-EPOXYPROPOXY) PROPYL] TRIMETHOXY SILANE

919-30-2 3-AMINOPROPYL TRIETHOXY SILANE

13463-67-7 TITANIUM DIOXIDE

14808-60-7 QUARTZ (SiO₂)

1333-86-4 CARBON BLACK

67-56-1 METHANOL

PROPOSITION 65:

CHEMICALS KNOWN TO CAUSE CANCER:

25068-38-6 BISPHENOLA (CHLORO) OXIRANE POLYMER

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13463-67-7 TITANIUM DIOXIDE

14808-60-7 QUARTZ (SiO2)

1333-86-4 CARBON BLACK

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:
NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:
NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

107-21-1 ETHANEDIOL

67-56-1 METHANOL

64-17-5 ETHANOL

CANCEROGENITY CATEGORIES:

EPA (ENVIRONMENTAL PROTECTION AGENCY): NONE OF THE INGREDIENTS IS LISTED.

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH):

107-21-1 ETHANEDIOL A4

13463-67-7 TITANIUM DIOXIDE A4

14808-60-7 QUARTZ (SiO2) A2

1333-86-4 CARBON BLACK A4

64-17-5 ETHANOL A3

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):

13463-67-7 TITANIUM DIOXIDE

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DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

P305+P351+P338:

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P321: SPECIFIC TREATMENT (SEE ON THIS LABEL).

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IF SWALLOWED: CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

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IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P330: RINSE MOUTH.

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IF ON SKIN: WASH WITH PLENTY OF WATER.

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P405: STORE LOCKED UP.

P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

P501:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

CHEMICAL SAFETY ASSESSMENT:

A CHEMICAL SAFETY ASSESSMENT HAS NOT BEEN CARRIED OUT.

16 OTHER INFORMATION

THIS INFORMATION IS BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THIS SHALL

NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.

DEPARTMENT ISSUING SDS: ENVIRONMENT PROTECTION DEPARTMENT.

CONTACT: STEVE GAVER (SGAVER@SEMPRODUCTS.COM)

DATE OF PREPARATION / LAST REVISION: 05/31/2016 / 5

ABBREVIATIONS AND ACRONYMS:

RID:

REGLEMENT INTERNATIONAL CONCERNANT LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR CHEMIN DE FER (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS BY RAIL)

ICAO: INTERNATIONAL CIVIL AVIATION ORGANISATION

ADR:

ACCORD EUROPEEN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD)

IMDG: INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS

DOT: US DEPARTMENT OF TRANSPORTATION

IATA: INTERNATIONAL AIR TRANSPORT ASSOCIATION

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

EINECS: EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

ELINCS: EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES

CAS: CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)

NFPA: NATIONAL FIRE PROTECTION ASSOCIATION (USA)

HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)

PBT: PERSISTENT, BIOACCUMULATIVE AND TOXIC

VPVB: VERY PERSISTENT AND VERY BIOACCUMULATIVE

NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY

OSHA: OCCUPATIONAL SAFETY & HEALTH

TLV: THRESHOLD LIMIT VALUE

PEL: PERMISSIBLE EXPOSURE LIMIT

REL: RECOMMENDED EXPOSURE LIMIT

ACUTE TOX. 4: ACUTE TOXICITY - CATEGORY 4

SKIN IRRIT. 2: SKIN CORROSION/IRRITATION - CATEGORY 2

EYE IRRIT. 2A: SERIOUS EYE DAMAGE/EYE IRRITATION - CATEGORY 2A

SKIN SENS. 1: SKIN SENSITISATION - CATEGORY 1

CARC. 2: CARCINOGENICITY - CATEGORY 2

STOT SE 3: SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 3

| DATA COMPARED TO THE PREVIOUS VERSION ALTERED.

USA