Safety Data Sheet

RF 6901, RF 1312 Part A

Section 1. Identification

Product Identifier	RF 6901, RF 1312 Part A
Synonyms	Polyether silyl resin
Manufacturer Stock Numbers	25074
Recommended use	Polyether Silyl Resin
Uses advised against	Avoid high temperatures, flames and contact with strong oxidizing agents.

Manufacturer Contact

Address

Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone	Emergency Phone	Fax
(310) 204-6159	(800) 424-9300 CHEMTREC	(310) 202-7247

Email	Website
sales@evroberts.com	http://www.evroberts.com

Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category 4 ACUTE TOXICITY - ORAL - Category 4 CORROSIVE TO METALS - Category 1 EYE DAMAGE/IRRITATION - Category 2B SPECIFIC TARGET ORGAN TOXICITY (Single E - Category 2
Signal Word	Warning
Pictogram	

Hazard Statements	Causes eye irritation Harmful if swallowed Harmful in contact with skin May be corrosive to metals May cause damage to organs (or state all organs affected if known) (state route of exposure if no other routes of 0exposure cause the hazard)
Precautionary Statements	
Response	Absorb spillage to prevent material damage. Call a poison center/doctor/ ... /if you feel unwell. If exposed or concerned: Call a poison center/doctor/... If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water/ ... If swallowed: Call a poison center/doctor/ ... / if you feel unwell. Rinse mouth. Specific treatment (see ... on this label) Take off immediately all contaminated clothing and wash it before reuse.
Prevention	Do not breathe dust/fume/gas/mist/ vapors/spray. Do not eat, drink or smoke when using this product. Keep only in original container. Wash ...thoroughly after handling. Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in corrosive resistant/... container with a resistant inner liner. Store locked up.
Disposal	Refer to manufacturer/Supplier for information on recovery/recycling
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
EMERGENCY OVERVIEW	
Health Hazards	Harmful in contact with skin, severe skin irritant Harmful if swallowed Corrosive Components of this product may affect the nervous system
Appearance	Translucent light-yellow resinous liquid
Odor	Amine/Ammoniacal
MSDS	Read the entire MSDS for a more thorough evaluation of the hazards.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
71074-89-0	Bis(dimethylaminomethyl)phenol	<1 %
90-72-2	Phenol, 2,4,6,-tris[(dimethylamino)methyl]-	<4 %
Proprietary	Propylene glycol	<5 %
Proprietary	Modified Polyether Slyl Polymer	>80 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

TARGET ORGANS	Skin, Eyes
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Chronic Health Hazard, General	This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1% or greater. Prolonged contact may result in chemical burns and permanent damage. Subchronic exposure of this material or component in test animals has caused abnormalities in the following organ(s): Central Nervous System.
Inhalation	Move person to fresh air.
Skin Contact	Skin Irritant: LD50: < 1400 mg/kg, species, Rabbit May cause skin sensitization. Wash affected areas thoroughly with soap and water. Obtain medical attention IMMEDIATELY. Contaminated clothing should be thoroughly cleaned before reuse. Cannot decontaminate leather articles. NOTE TO PHYSISIANS: Application of corticosteroid cream has been effective in treating skin irritation.
Eye Contact	Severe irritant to the eyes. Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. Obtain medical attention IMMEDIATELY.
Ingestion	Severe Irritant: LD50 : <1,670 mg/kg, species, Rat Do NOT Induce Vomiting. May cause irritation to the mouth, throat, and stomach. May be moderately toxic if swallowed. May cause CNS depression. Turn victims head to the side.
Signs and Symptoms	Irritation as noted above. Lung damage (scarring, brochitis, emphysema) may be evidenced by shortness of breath, especially on exertion, and may be accopanied by evidenced by rashes, especially hives and may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness, respiratory depression and death may occur.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Containers may burst under intense heat. Extinguishing media: Carbon dioxide, dry chemical or appropriate foam. If water is used, very large quantities are required. Reaction between water and hot isocyanate may be vigorous. Contain runoff water with temporary barriers. Protective Equipment: Use self-contained breathing apparatus and full protective clothing (Bunker Gear). Flash Point: >212°F (>100°C) Flammable Limits (Lower): Not Available Flammable Limits (Upper): Not Available Rate of Burning: Not Available Explosive Power: None Sensitivity to Mechanical Impact: None Sensitivity to Static Discharge: None Combustion Products: CO, CO2, NOx and some HCN
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Major Spills	For Major Spills, call CHEMTREC at 1-800-424-9300
Spills, Leaks or Releases	Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry into drains. Contain and absorb large spillages onto an inert, non-flammable absorbent carrier (such as earth or sand), Shovel into open-top drums or plastic bags for further decontamination, if necessary. Wash the spillage area clean with liquid decontaminant. Notify applicable government authorities if release is reportable.

Section 7. Handling and Storage

Handling	Avoid personal contact with the product or reaction mixture. Use only with adequate ventilation to ensure that the defined occupational exposure limit is not exceeded. The efficiency of the ventilation must be monitored regularly because of the possibility of blockage. Avoid breathing aerosols, mists and vapors. When the product is sprayed or heated, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.
Storage Requirements	Keep containers properly sealed and stored indoors, in a cool, dry, well ventilated area. DO NOT STORE NEAR ACIDS. Do not store in reactive containers. Keep contents away from open flames and high temperatures. Do not pressurize drum containers to empty them. Heating this curing agent in the presence of air may cause thermal and oxidative decomposition. With some epoxy resins, it may produce exothermic reactions which in large masses can cause runaway polymerization and charring of the reactants. Fumes and vapors from these thermal and chemical decompositions vary widely in composition and toxicity. DO NOT BREATHE FUMES. Use a NIOSH-approved respirator as required to prevent over exposure. In accordance with 29 CFR 1910-134. Use a full face, atmosphere-supplying respirator or an air purifying respirator for organic vapors.
CAUTION	SEVERE EYE IRRITANT, skin and respiratory tract. May cause skin sensitization. May cause CNS depression. Do not get into eyes, on skin or on clothing. Do not breathe vapors or mists. Containers, even those that have been empties, can cause hazardous product residues. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before reuse. Contaminated leather cannot be decontaminated and should be destroyed to prevent reuse.
Storage Temperature	Ideal storage temperature is 16-38°C (60-100°F) Store closed in cool dry, and well ventilated place.
Shelf Life	12 Months @ 77°F (25°C)

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Bis(dimethylaminomethyl)phenol	N/A	N/A	N/A
Phenol, 2,4,6,-tris[(dimethylamino)methyl]-	N/A	N/A	N/A
Propylene glycol	N/A	N/A	N/A
Modified Polyether Slyl Polymer	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves, Face Shield, Respirator, CHEMICAL GOGGLES, PROTECTIVE CLOTHING

Preventive Measures

Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.

Engineering Controls

Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. Follow guidelines in the ACGIH publication "Industrial Ventilation".

Personal Protective Equipment

Eye Protection

Chemical safety goggles. Use a full-face shield.

Skin Protection

The following protective materials are recommended. Gloves - neoprene, nitrile-butadiene rubber, butyl rubber. Thin disposable gloves should be avoided for repeated or long term use. Protective clothing should be selected and used in accordance with "Guidelines for the Selection of Chemical Protective Clothing" published by ACGIH.

Respiratory Protection

Use a NIOSH/MSHA approved positive pressure air-supplied respirator equipped with a full facepiece, or an air-supplied hood, if airborne concentrations exceed or are expected to exceed the TLV.

Exposure Guidelines

Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases or recurrent skin eczema or sensitization should be excluded from working with this product. Once a person is diagnosed as sensitized, no further exposure to any sensitizer should be permitted.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Translucent Light-yellow
Odor	Amoniacal
Odor Threshold	N/A
Solubility	Partial
Partition coefficient Water/n-octanol	N/A
VOC%	<1
Viscosity	N/A
Specific Gravity	1.03
Density lbs/Gal	64.301
Pounds per Cubic Foot	N/A
Flash Point	>212°F (>100°C)
FP Method	N/A
Ph	Alkaline
Melting Point	-31°F (-35°C)
Boiling Point	N/A
Boiling Range	428°F (220° C)
LEL	N/A
UEL	N/A
Evaporation Rate	0.001
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	< 1.00 mmHg at 70°F (21° C)
Vapor Density	64.301 lb/ft3 (1.03 g/cm3)

Section 10. Stability and Reactivity

Hazardous Decomposition Products	Highly unlikely under normal industrial use. See section 5.
Chemical Stability	Stable at room temperature
Conditions to Avoid	Avoid high temperatures. Avoid flames and contact with strong oxidizing agents.
Hazardous Polymerization	Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed during combustion.

Section 11. Toxicological Information

Toxicology Information	This product is listed on the EPA / TSCA inventory of chemical substances. Hazard Class: Corrosive, Sensitizer Protection of stratospheric ozone (pursuant to Section 611 of the Clean Air Act Amendment of 1990): Per 40 CFR Part 82, this product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances. In accordance with SARA Title III, Section 313.

Section 12. Ecological Information

Environmental Fate and Distribution	It is unlikely that significant environmental exposure in the air or water will arise, based on consideration of the production and use of the substance.

Section 13. Disposal

Disclaimer Part 1	The generation of waste should be avoided or minimized wherever possible.
Disclaimer Part 2	Disposal should be in accordance with local, state, provincial and national regulations. This material is not a hazardous waste under RCRA 40 OPP 261. Small quantities should be treated with a liquid decontaminate. The treated waste is not a hazardous material under RCRA 40 CFR 261. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.
Disclaimer Part 3	Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

Section 14. Transport Information

UN Number	2735
UN Proper Shipping Name	AMINES, LIQUID, CORROSIVE, N.O.S.: (Tris-2,4,6,-(dimethylaminomethyl) phenol)
DOT Classification	8
Packing Group	III

Section 15. Regulatory Information

No Data Available

Section 16. Other Information

Revision Date	6/30/2015
HMIS Rating (Not Regulated)	The HMIS Rating for this product is: Health: 3 Flammability: 1 Reactivity: 0 0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe For Information Purposes Only - No Longer Regulated
Disclaimer	The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of E.V. Roberts' product safety program. It is not intended to constitute performance information concerning the product. No warranty, expressed or implied, or merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein. To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. E.V. Roberts does not undertake to furnish advice on such matters.

Safety Data Sheet

RF 6901, RF 1312 Part B

Section 1. Identification

Product Identifier	RF 6901, RF 1312 Part B
Synonyms	Epoxy resin
Manufacturer Stock Numbers	25074B
Recommended use	Epoxy Resin
Uses advised against	Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, strong mineral and organic base, especially primary and secondary aliphatic amines.

Manufacturer Contact

Address

Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone	Emergency Phone	Fax
(310) 204-6159	(800) 424-9300 CHEMTREC	(310) 202-7247

Email	Website
sales@evroberts.com	http://www.evroberts.com

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B SKIN CORROSION/IRRITATION - Category 3
Signal Word	Warning
Pictogram	
Hazard Statements	Causes mild skin irritation

	Moderately irritating to eyes
Precautionary Statements	
Response	If skin irritation occurs: Get medical advice/attention.
Prevention	Do not breathe dust/fume/gas/mist/ vapors/spray. Wear protective gloves/eye protection/face protection
Storage	Ideal Storage Temperature is 16-38 Degrees C (60-100 Degrees F) Store in a well-ventilated place. Keep container tightly closed.
Disposal	Refer to manufacturer/Supplier for information on recovery/recycling
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
EMERGENCY OVERVIEW	
Health Hazards	Moderately irritating to skin. May cause sensitization by continuous contact with skin or vapors (especially if heated). Moderately irritating to eyes.
Physical Hazards	Reacts with strong oxidizing agents, amines, acids (Lewis or mineral). Will exotherm when reacting. This reaction accelerates at higher temperatures
Appearance	Translucent or Colored (if pigmented with one of the available colors) Resinous liquid
Odor	Slightly Sweet Odor
MSDS	Read the entire MSDS for a more thorough evaluation of the hazards.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
1760-24-3	1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-	<12 %
25322-69-4	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	<12 %
90-72-2	Phenol, 2,4,6-tris[(dimethylamino)methyl]-	<12 %
70788-42-0	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-methylenebis[.omega.-[3-(dime	<12 %
7631-86-9	Fumed Silica, amorphous	<3 %
818-08-6	Stannane, dibutyloxo-	<5 %
25068-38-6	Bis A/Epichlorohydrin Resin	>80 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Chronic Health Hazard, General	This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1% or greater. Prolonged contact may result in chemical burns and permanent damage. Subchronic exposure of this material or component in test animals has caused abnormalities in the following organ(s): Central Nervous System.
Inhalation	Remove patient from exposure, keep warm and at rest. Obtain medical attention. Treatment is symptomatic for primary irritation or bronchospasm. If breathing is labored, qualified personnel should administer oxygen. Apply artificial respiration if breathing has ceased or shows signs of failing.
Skin Contact	Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation, redness, or a burning sensation develops and persists, obtain medical advice. Contaminated clothing should be thoroughly cleaned before reuse. Contaminated leather articles can not be decontaminated and should be destroyed.
Eye Contact	Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. Flushing within one minute is esential to achieve effectiveness. Obtain medical attention IMMEDIATELY.
Ingestion	Do NOT Induce Vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, if conscience, wash out their mouth with water then give 1 or 2 glasses of water to drink. Refer person to medical personnel for immediate attention.
Note to Physician	In general, emesis induction is unnecessary in high viscosity, low volatility products, e.g. Neat Epoxy Resins. However, symptomatic and supportive therapy may be needed following severe exposure. In such cases, medical follow-up should be maintained for at least 48 hours.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Containers may burst under intense heat due to reaction with water, a hazardous build-up of pressure could result if contaminated containers are re-sealed. Extinguishing media: Carbon dioxide, dry chemical or appropriate foam. If water is used, very large quantities are required. Reaction between water and hot isocyanate may be vigorous. Contain runoff water with temporary barriers. Protective Equipment: Use self-contained breathing apparatus and full protective clothing (Bunker Gear). Flash Point: >200°F (93°C) Flammable Limits (Lower): Not Available Flammable Limits (Upper): Not Available Auto Ignition Temperature: Not Available Decomposition Temperature: ~600 Degrees F (315 Degrees C) Rate of Burning: Not Available Explosive Power: None Sensitivity to Mechanical Impact: None Sensitivity to Static Discharge: None Decomposition Products: Carbon monoxide, Aldehydes, Acids and other organic substances may be formed during the combustion or thermal or oxidative decomposition. Reaction with some curing agents may produce considerable heat (exotherm), Run-a-way cure reaction may char and decompose the resin system, generating unidentified fumes and vapors, which may be toxic.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Major Spills	For Major Spills, call CHEMTREC at 1-800-424-9300
Spills, Leaks or Releases	Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry into drains. Contain and absorb large spillages onto an inert, non-flammable absorbent carrier (such as earth or sand), Shovel into open-top drums or plastic bags for further decontamination, if necessary. Wash the spillage area clean with liquid decontaminant. Remove and dispose of residues. Notify applicable government authorities if release is reportable. Small spills: Take up with an absorbent material and dispose of properly.

Section 7. Handling and Storage

Handling	Avoid personal contact with the product or reaction mixture. Use only with adequate ventilation to ensure that the defined occupational exposure limit is not exceeded. The efficiency of the ventilation must be monitored regularly because of the possibility of blockage. Avoid breathing aerosols, mists and vapors. When the product is sprayed or heated, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.
Storage Requirements	Keep containers properly sealed and when stored indoors, in a well ventilated area. Keep contents away from open flames and high temperatures.
Storage Temperature	Ideal storage temperature is 16-38°C (60-100°F)
Shelf Life	6 Months @ 77°F (25°C)

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
1,2-Ethanediamine, N-[3-(trimethoxysilyl) propyl]-	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-	N/A	N/A	N/A
Phenol, 2,4,6-tris[(dimethylamino)methyl]-	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-methylenebis[.omega.-[3-(dime	N/A	N/A	N/A
Fumed Silica, amorphous	10 mg/m3, TLV-TWA, Inhalation	N/A	N/A
Stannane, dibutyloxo-	N/A	N/A	N/A
Bis A/Epichlorohydrin Resin	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves, Face Shield, Respirator, CHEMICAL GOGGLES

Preventive Measures

Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.

Engineering Controls

Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. Follow guidelines in the ACGIH publication "Industrial Ventilation".

Personal Protective Equipment

Eye Protection

Chemical safety goggles. If there is a potential for splashing, use a full-face shield.

Skin Protection

The following protective materials are recommended. Gloves - neoprene, nitrile-butadiene rubber, butyl rubber. Thin disposable gloves should be avoided for repeated or long term use. Protective clothing should be selected and used in accordance with "Guidelines for the Selection of Chemical Protective Clothing" published by ACGIH.

Respiratory Protection

Not ordinarily required

Protective Clothing

Avoid contact with eyes. Wear safety goggles as appropriate. Wear chemical resistant clothing as required to minimize contact

Section 9. Physical and Chemical Properties

Physical State	N/A
Color	N/A
Odor	Sweet Odor
Odor Threshold	N/A
Solubility	Negligible
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.1
Density lbs/Gal	9.9
Pounds per Cubic Foot	N/A
Flash Point	>200°F (93° C)
FP Method	setaflash
Ph	N/A
Melting Point	Below 77°F (25°C)
Boiling Point	N/A
Boiling Range	>400°F
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	~600°F (315° C)
Auto-ignition Temperature	N/A
Vapor Pressure	Negligible
Vapor Density	Heavier than air

Section 10. Stability and Reactivity

Hazardous Decomposition Products	Carbon monoxide, aldehydes, acids and other organic substances may be formed during the combustion or thermal or oxidative decomposition. Reaction with some curing agents may produce considerable heat (exothermic). Run-A-Way cure reactions may char and decompose the resin system, generating unidentified fumes and vapors which may be toxic.
Chemical Stability	Stable at room temperature
Conditions to Avoid	Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, and strong mineral and organic bases, especially primary and secondary aliphatic amines.

Section 11. Toxicological Information

Acute Toxicity Data	Bis A epichlorohydrin: Acute Oral LD50: 11.4g/kg (rat) Acute Dermal LD50: <20g/kg (rabbit) Acute Inhalation LD50: No Deaths, SAT. Air, 8 hr
POTENTIAL HEALTH EFFECTS:	
Inhalation	Not expected to be relevant route of exposure. However, high vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.
Skin Contact	Moderate irritant. Repeated and/or prolonged contact may cause skin sensitization.
Eye Contact	The aerosol, vapor or liquid will irritate human eyes following contact.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract. This product is considered to have a low order of acute oral toxicity.
Chronic Effects	Repeated contact can cause skin sensitization. Preexisting skin, eye and respiratory may be aggravated by exposure to this product.
Carcinogenicity	Epichlorohydrin, CAS 106-89-8, an impurity in this product, (<50 PPM), has been reported to produce cancer in laboratory animals and to produce mutagegic changes in bacteria and cultured human cells. It has been established by the International Agency for Research on Cancer (IARC) as a probable human carcinoge (IARC Group 2A) based on the following conclusions: Human evidence - inadequate; animal evidence - sufficient. It has been classified as an anticipated human carcinogen by the National Toxicology Program (NTP)
Mutagenicity	There is no substantial evidence of mutagenic potential.
Reproductive Effects	No adverse reproductive effects are anticipated.
Teratogenicity and Fetotoxicity	No information is available and no adverse teratogenic embryotoxic effects are anticipated.

Section 12. Ecological Information

Environmental Release Information	Keep out of surface waters, sewers and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur.

Section 13. Disposal

Disclaimer Part 1	The generation of waste should be avoided or minimized wherever possible.
Disclaimer Part 2	Disposal should be in accordance with local, state, provincial and national regulations. This material is not a hazardous waste under RCRA 40 CFR 261. Small quantities should be treated with a liquid decontaminate. The treated waste is not a hazardous material under RCRA 40 CFR 261. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.
Disclaimer Part 3	Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A
DOT	Not hazardous by DOT regulations

Section 15. Regulatory Information

Regulatory	This product is listed on the EPA/TSCA inventory of chemical substances. Protection of stratospheric ozone (pursuant to Section 611 of the Clean Air Act Ammendment of 1990); Per 40 CFR Part 82, this product does not contain nor was it directly manufactured with any Class I or Class II ozone depelting substances. In accordance with SARA Title III, Section 313.

Section 16. Other Information

Revision Date	6/30/2015
HMIS Rating (Not Regulated)	The HMIS Rating for this product is: Health: 2 Flammability: 1 Reactivity: 0 0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe
Disclaimer	The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of E.V. Roberts' product safety program. It is not intended to constitute performance information concerning the product. No warranty, expressed or implied, or merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein. To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. E.V. Roberts does not undertake to furnish advice on such matters.