



Safety Data Sheet

RF 1265 Part A

Section 1. Identification

Product Identifier RF 1265 Part A
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use Epoxy Resin
Uses advised against N/A

Manufacturer Contact

Address Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone
(310) 204-6159

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(310) 202-7247

Email
sales@evroberts.com

Website
<http://www.evroberts.com>

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A
EYE DAMAGE/IRRITATION - Category 2B
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -
Category 2
SENSITIZATION - SKIN - Category 1A

Signal Word Warning

Pictogram



Hazard Statements

Causes eye irritation
Causes serious eye irritation
May cause an allergic skin reaction
Moderately irritating to skin
Toxic to aquatic life with long lasting effects

Precautionary Statements

Response

Collect spillage
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 skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see ... on this label)
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Avoid release to the environment
Contaminated work clothing must not be allowed out of the workplace.
Wash ...thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Storage

N/A

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
25068-38-6	bisphenol-A-(epichlorhydrin) epoxy resin	90% - 100%
3101-60-8	P-tert-Butylphenyl 1-(2,3-epoxy)propyl ethe	1% - 5%

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

Section 4. First-Aid Measures

First Aid

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not

breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. If symptoms develop and persist, get medical attention.

Symptoms: See Section 11.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. If symptoms develop and persist, get medical attention.

Symptoms: See Section 11.

Unsuitable Extinguishing Media

N/A

Section 6. Accidental Release Measures

Spill and Leak Procedures Eliminate ignition sources. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on material and shovel up. Prevent entry into sewers and waterways.

Section 7. Handling and Storage

Handling

Handling: For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. For industrial use only.

Storage: For safe storage, store at or below 25 °C (77°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	bisphenol-A-(epichlorhydrin) epoxy resin	N/A	N/A	N/A
	P-tert-Butylphenyl 1-(2,3-epoxy)propyl ethe	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Personal Protection

Engineering controls: Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

Respiratory protection: When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.
Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Light yellow
Odor	According to product specifica
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A

Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Stability

Stability: Stable at normal conditions.

Hazardous reactions: May occur.

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.

Reactivity: Not available.

Conditions to avoid: Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

Section 11. Toxicological Information

Toxicology 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: Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer): None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

Section 12. Ecological Information

Environmental

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.

Ecotoxicological effects: Remark:

Toxic for fish Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

Section 13. Disposal

Disposal

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name N/A

DOT Classification N/A

Packing Group N/A

Transport Information IATA:

Hazard Label: 9, EHSM

Class: 9

Number: UN3082

Packing Group: III Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains LIQUID EPOXY RESIN)

Section 15. Regulatory Information

Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara: Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65: Chemicals known to cause cancer:

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight M_n 700)

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: None of the ingredients is listed.

Carcinogenic categories: EPA (Environmental Protection Agency): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients is

listed

Section 16. Other Information

Revision Date

1/17/2018

HMIS Rating (Not
Regulated)

The HMIS Rating for this product is:
Health: 1 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.



Safety Data Sheet

RF 1265 Part B

Section 1. Identification

Product Identifier RF 1265 Part B
Synonyms N/A
Manufacturer Stock
Numbers N/A

Recommended use N/A
Uses advised against N/A

Manufacturer Contact

Address Resin Formulators
 18027 Bishop Avenue
 Carson, CA, 90746
 USA

Phone
(310) 204-6159

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(310) 202-7247

Email
sales@evroberts.com

Website
<http://www.evroberts.com>

Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 4
 ACUTE TOXICITY - ORAL - Category 4
 EYE DAMAGE/IRRITATION - Category 1
 SKIN CORROSION/IRRITATION - Category 1C
Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye damage
Causes severe skin burns and eye damage
Harmful if swallowed
Harmful in contact with skin

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin: Wash with plenty of water/ ...
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call a poison center/doctor/ ...
Rinse mouth.
Specific treatment (see ... on this label)
Take off immediately all contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.

Prevention

Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Wash ...thoroughly after handling.
Wear eye protection/face protection.
Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
9046-10-0	Poly[oxy(methyl-1,2-ethanediy)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminom	60% - 100%

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

This Product contains one or more ingredients where the specific chemical identity and exact percentage of composition has been withheld as a trade secret

Section 4. First-Aid Measures

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Skin	Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
Eye	Flush eye with water for 15 minutes. Get medical attention.
Ingestion	Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Extinguishing media: Use alcohol-resistant foam, carbon dioxide, dry chemical or water spray when fighting fires involving this material. Use self-contained breathing apparatus and full protective clothing (Bunker Gear). Cool exposed equipment with water spray. Oxides of carbon, oxides of nitrogen and toxic and irritating vapors.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Clean-up	Avoid runoff into storm sewers and ditches which lead to waterways. Wear proper personal protective clothing and equipment. Do not flush liquid into public sewer, water systems or surface waters. Absorb spill with an inert material. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse. Eliminate ignition sources. Personal Protective Equipment must be worn.
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Section 7. Handling and Storage

General advice	Ensure good ventilation/exhaustion at the workplace.
Handling	Avoid contact with eyes, skin, and clothing. Avoid breathing (dust, vapor, mist, gas).
Storage	For safe storage, store between 0°C (32°F) and 25°C (77°F). Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, sparks, and flame.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
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Poly[oxy(methyl-1,2-ethanediy)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminom	N/A	N/A	N/A
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Personal Protective Equipment	N/A
Engineering controls	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.
Hand protection	Impervious gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.
Respirators	Wear a NIOSH-approved respirator if there is potential to exceed exposure limit(s).
Other clothing	Wear safety glasses with side shields (or goggles) and a face shield.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	N/A
Odor	Amine
Odor Threshold	N/A
Solubility	Slight
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>93°C
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	>1.0

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal conditions.
Hazardous Reactions	Stable under normal use and conditions.

Hazardous Decomposition Products Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide and unknown organics.
May evolve molecular weight hydrocarbons.
Materials to Avoid Strong acids and strong oxidizers
Conditions to Avoid Avoid heat, flames, sparks and other sources of ignition.

Section 11. Toxicological Information

Route of Entry Eye Contact, Skin Contact, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS:
Inhalation May cause respiratory tract irritation.
May cause allergic respiratory reaction.
Skin Contact Corrosive. Causes burns. Harmful in contact with skin.
Eye Irritation Corrosive. Causes burns.
Ingestion Toxic if swallowed. May cause burns to mouth, throat and stomach.

Section 12. Ecological Information

No ecological testing has been conducted on this product.

Section 13. Disposal

WASTE DISPOSAL METHOD: Dispose of in accord with local, state and federal regulations
Hazardous Waste Number D002: Corrosive

Section 14. Transport Information

UN Number 2735
UN Proper Shipping Name Polyamine, liquid, corrosive, n.o.s. (polyoxy propylene diamine)
DOT Classification 8
Packing Group III
Transport Information DOT (US):
Proper Shipping Name: Polyamines, liquid, corrosive, n.o.s. (Polyoxy propylene diamine
UN Number: UN2735
Class: 8
Packing Group: III
IMDG:
Proper Shipping Name: Polyamines, liquid, corrosive, n.o.s. (Polyoxy propylene diamine
UN Number: UN2735
Class: 8
Packing Group: III
IATA:
Proper Shipping Name: Polyamines, liquid, corrosive, n.o.s. (Polyoxy

propylene diamine
UN Number: UN2735
Class: 8
Packing Group: III

TDG:
Proper Shipping Name: Polyamines, liquid, corrosive, n.o.s. (Polyoxy
propylene diamine
UN Number: UN2735
Class: 8
Packing Group: III

Section 15. Regulatory Information

TSCA Inventory Status	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12(b) Components	Toxic Substance Control Act (TSCA) 12(b) Components: None
Sara 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312 Hazard Categories	Immediate Health
Sara 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
California Prop. 65 Components	This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
Regulatory for Canada	Canadian Inventory Status: All components are included on the Domestic Substances List (DSL).

Section 16. Other Information

Revision Date	3/14/2016
DISCLAIMER:	The information contained herein is believed to be accurate and is offered in good faith. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Mixing this product with any other materials may change the characteristics such as flash point, flammability or health effects. Because product use is beyond our control, no warranty is given, expressed or implied.
HIMS	Health 3 Flammability 1 Reactivity 0