Rusty Design Flood-Coat Epoxy Resin

1. Identification

Product Identifier: Rusty Design Flood-Coat Epoxy Resin - Part A
Recommended Use: Potting, arts and crafts, coating, casting
Manufacturer: Rusty Design Canada
1254 Plains Rd. E. Unit 16, L7S1W6, Burlington, ON
Phone Number: 9056338388
E-mail: info@rustygardensupply.ca
Emergency Phone Number: CHEMTREC: 1-800-424-9300 or +1 703-527-3887

2. Hazards Identification

Hazard Classification:
Skin Sensitization - Category 1B
Skin Irritation - Category 2
Eye Irritation - Category 2A
Acute Toxicity Oral - Category 5

Label Elements: 

Signal Word: Warning
Hazard Statements:
H317 May cause an allergic skin reaction.
Precautionary Statements:
P101 If medical advise is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/Information on Ingredients

CAS	Chemical Name	Concentration
25068-38-6	Polymer of 2-aminoethanol	80 - 100%
68609-97-2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs	1 - 10%
100-51-6	Benzyl alcohol	1 - 10%
57834-33-0	ethyl 4-[[(methylphenylamino)methylene]amino]benzoate	1 - 5%

4. First-Aid Measures

General description: Immediately remove any clothing soiled by the product.
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 take off all contaminated clothing. Wash skin with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
Most important symptoms and effects: Causes severe skin, respiratory or digestive tract burns and eye damage.

5. Fire-Fighting Measures

Specific Hazards: Irritant/toxic fumes may be generated during a fire.
Suitable and Unsuitable Extinguishing Media: Use carbon dioxide, foam and chemical chemical powder to extinguish surrounding products. Fight larger fires with water spray or alcohol resistant foam.
Special Protective Equipment Precautions for Fire-Fighters: Toxic smoke may be generated during a fire. Firefighters should wear positive pressure, self-contained breathing apparatus and full body protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Environmental precautions: Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

7. Handling and Storage

Precautions for safe handling: Product is classified as corrosive and toxic. Wear protective gloves, protective clothing, eye/face protection. Ensure proper ventilation. Do not eat, drink or smoke in the work area. Keep container tightly sealed.
Conditions for safe storage, including any incompatibilities: Recommended 55 degrees F. to 85 degrees F., with tightly sealed lids. Avoid exposure to direct sunlight. Keep away from incompatible material(s).

8. Exposure Controls/Personal Protection

Control Parameters:
Ingredients with limit values that require monitoring at the workplace:100-51-6 Benzyl alcohol (1 - 10%)
Appropriate engineering controls:
Keep proper ventilation rates
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Personal Protective Equipment:
Wear Chemically protective gloves and other protective clothing. A NIOSH approved respirator is recommended. Wear protective chemical splash goggles. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Form:	Liquid
Appearance:	Transparent
Odour:	Odourless
Odour threshold:	Not available
pH-value:	Not available
Boiling point:	Not available
Melting/Freezing Point:	Not available
Flash point:	> 93.3° C (200° F)
Auto-Ignition temperature:	Not available
Decomposition temperature:	> 93.3° C (200° F)
Self-igniting:	Product is not selfigniting
Explosive properties:	Product does not present an explosion hazard
Upper/Lower Explosion limits:	Not available
Vapour pressure:	Not available
Density:	Not available
Evaporation rate:	Not available
Viscosity:	100cps
VOC:	Not available
Other Information:	No further relevant information available

10. Stability and Reactivity

Reactivity:	Not reactive under suggested storage condition
Chemical stability:	stable under suggested storage condition
Possibility of hazardous reactions:	Heat can evolve when mixed with an amine
Conditions to avoid:	No further relevant information available.
Incompatible materials:	Strong oxidizers, strong alkalis, strong mineral acids, amines.
Hazardous decomposition products:	No dangerous decomposition products known.

11. Toxicological Information

Skin corrosion/irritation:	Causes skin irritation. May cause allergic skin reaction.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	No dangerous reactions known.
Germ cell mutagenicity:	No dangerous available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Aspiration hazard :	No data available.

Numerical measures of toxicity:
CAS 25068-38-6: Oral-11400mg/kg(rat); dermal-23000mg/kg(rabbit)
CAS 68609-97-2: Oral-17100mg/kg(rat); dermal-4500mg/kg(rabbit)
CAS 100-51-6: Oral-1230(rat); dermal-2000mg/kg(rabbit)
CAS 57834-33-0: Oral 2000mg/kg (rat)

12. Ecological information

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Bioaccumulative potential: No further relevant information available.
Mobility in soil : No further relevant information available.
Results of PBT and vPvB assessment: Not applicable
Other adverse effects: No further relevant information available
Additional ecological information:
slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

13. Disposal consideration

Waste treatment methods:
Recommendation:
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging disposal must be made according to official regulations.

14. Transportation information

UN-Number: Not Applicable
UN proper shipping name:
Not Applicable
Transport hazard class(es): Not Applicable **Class Label:** Not Applicable
Packaging Group: II
Environmental hazards: No
Special Precaution: Not Applicable
Transport/Additional information: Not dangerous according to the above specifications.

15. Regulatory Information

Safety/health Canadian regulations specifics:
Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics:
Refer to Section 3 for ingredient(s) of the DSL
National Fire Protection Association (NFPA):
HEALTH: 3 FLAMMABILITY:1 INSTABILITY: 0
SPECIAL HAZARDS: Refer to Section 2 3.
HAZARD SCALE: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4=Severe

16. Other Information

Relevant hazard statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
Revision Note: GHS Classification, May 31, 2020
Disclaimer: The information contained herein is considered accurate; however, the user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.
Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Rusty Design Flood-Coat Epoxy Hardener

1. Identification

Product Identifier: Rusty Design Flood-Coat Epoxy Hardener - Part B
Recommended Use: Woodworking and craft
Manufacturer: Rusty Design Canada
1254 Plains Rd. E. Unit 16, L7S1W6, Burlington, ON
Phone Number: 9056338388
E-mail: info@rustygardensupply.ca
Emergency Phone Number: CHEMTREC: 1-800-424-9300 or +1 703-527-3887

2. Hazards Identification

Hazard Classification:
Acute Toxicity Oral - Category 4
Acute Toxicity Dermal - Category 4
Skin Corrosion - Category 1
Serious Eye Damage - Category 1

Label Elements: 

Signal Word: Danger
Hazard Statements:
H314 Causes severe skin burns and eye damage
Precautionary Statements:
P101 If medical advise is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe dusts or mists.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a doctor.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national regulations

3. Composition/Information on Ingredients

CAS	Chemical Name	Concentration
9046-10-0	Polyoxypropylenediamine	80 - 100%
100-51-6	Benzyl alcohol	1 - 10%
57834-33-0	ethyl 4-[[(methylphenylamino)methylene]amino]benzoate	1 - 10%

4. First-Aid Measures

General description: Immediately remove any clothing soiled by the product.
After inhalation: In case of unconsciousness place patient stably in side position for transportation.
After skin contact: Immediately take off all contaminated clothing. Wash skin with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

5. Fire-Fighting Measures

Specific Hazards: Product is not classified as flammable. Irritant/toxic fumes may be generated during a fire.
Suitable and Unsuitable Extinguishing Media: Use carbon dioxide, foam and chemical chemical powder to extinguish surrounding products.
Special Protective Equipment Precautions for Fire-Fighters: Toxic smoke may be generated during a fire. Firefighters should wear positive pressure, self-contained breathing apparatus and full body protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Environmental precautions: Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

7. Handling and Storage

Precautions for safe handling: Product is classified as corrosive and toxic. Wear protective gloves, protective clothing, eye/face protection. Ensure proper ventilation. Do not eat, drink or smoke in the work area. Keep container tightly sealed.
Conditions for safe storage, including any incompatibilities: Recommended 55 degrees F. to 85 degrees F., with tightly sealed lids. Avoid exposure to direct sunlight. Keep away from incompatible material(s).

8. Exposure Controls/Personal Protection

Control Parameters:
Ingredients with limit values that require monitoring at the workplace:100-51-6 Benzyl alcohol (1 - 10%)
Appropriate engineering controls:
Keep proper ventilation rates
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Personal Protective Equipment:
Wear Chemically protective gloves and other protective clothing. A NIOSH approved respirator is recommended. Wear protective chemical splash goggles. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Form:	liquid
Appearance:	Light Yellow
Odour:	Mild ammonia smell
Odour threshold:	Not available
pH-value:	Not available
Boiling point:	Not available
Melting/Freezing Point:	Not available
Flash point:	> 93.3° C (200° F)
Auto-Ignition temperature:	Not available
Decomposition temperature:	> 93.3° C (200° F)
Self-igniting:	Product is not selfigniting
Explosive properties:	Product does not present an explosion hazard
Upper/Lower Explosion limits:	Not available
Vapour pressure:	Not available
Density:	Not available
Evaporation rate:	Not available
Viscosity:	1500 - 3000cps
VOC:	Not available
Other Information:	No further relevant information available

10. Stability and Reactivity

Reactivity:	Data not available
Chemical stability:	Data not available
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 know

11. Toxicological Information

Skin corrosion/irritation:	Causes severe skin burns and eye damage.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	No dangerous reactions known.
Germ cell mutagenicity:	No dangerous available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Aspiration hazard :	No data available.

Numerical measures of toxicity:
CAS 9046-10-0: Oral-242mg/kg(rat); dermal-360mg/kg(rabbit)
CAS 100-51-6: Oral-1230mg/kg(rat); dermal-2000mg/kg(rabbit)
CAS 57834-33-0: Oral-2000(rat)

12. Ecological information

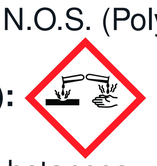
Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Bioaccumulative potential: No further relevant information available.
Mobility in soil : No further relevant information available.
Results of PBT and vPvB assessment: Not applicable
Other adverse effects: No further relevant information available
Additional ecological information:
Slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

13. Disposal consideration

Waste treatment methods:
Recommendation:
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging disposal must be made according to official regulations.

14. Transportation information

UN-Number: UN1760
UN proper shipping name:
1760 CORROSIVE LIQUID, N.O.S. (Polyoxypropylenediamine)

Transport hazard class(es): 

Class Label: 8 Corrosive substances.
Packaging Group: II
Environmental hazards: Marine Pollutant
Special Precaution: Warning: Corrosive substances.

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Refer to Section 3 for ingredient(s) of the DSL
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HEALTH: 3 FLAMMABILITY:1 INSTABILITY: 0
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LD50: Lethal dose, 50 percent