

SAFETY DATA SHEET

This Safety Data Sheet (SDS) complies with the United Nations Globally Harmonized System (GHS) of Classification and Labeling, Third Revised Edition. It meets or exceeds the requirements of the European Union REACH Program, 29 CFR 1910.1200 (OSHA), the Canadian Controlled Products Act (WHMIS) and the Japanese Industrial Standard JIS Z 7250.

1. Product and Supplier Identification

Product Name: Corroseau Rust Converter
Product Code: CS100
Recommended Use: Conversion of rust
Restrictions on Use: Do not swallow or inhale. Skin irritant.

Supplier Identification: Rodda Paint
6123 N. Marine Drive,
Portland, Oregon 97203
USA

Emergency Telephone No.: 800-424-9300
Office Telephone No.: 503-521-4300

2. Hazards Identification

Classification: Skin Sensitization - Category 4,
Respiratory Sensitizer – Category 3



GHS Label:

Hazard Communication: **Danger.** May cause allergy or asthma symptoms or breathing difficulties if inhaled. **Warning.** Avoid prolonged skin contact.

GHS Precautionary Statements: Keep container tightly closed. Wear protective gloves/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing vapors. Contaminated work clothing should not be allowed out of the workplace. In case of inadequate ventilation, wear respiratory protection. If exposed or concerned: Get medical advice/attention. Dispose of contents/container in accordance with all federal, provincial and municipal regulations.

Emergency Overview: Wash exposed skin with soap and water. Flush eyes with copious amounts of water.

Effects of Acute (Short-term) Exposure:

Inhalation: May cause difficulty breathing

Skin Contact: May cause minor skin irritation.

Eye Contact: This product contains ingredients which are considered severe eye irritants. Symptoms may include tearing, blurred vision and sensitivity to light. Degree of injury depends upon length of exposure.

Ingestion: Swallowing may be harmful. May cause headache, nausea, and abdominal pain. Induce vomiting if conscious. Call local poison control.

Effects of Chronic (Long-term) Exposure:

Dermatitis may result from repeated or prolonged exposure skin exposure. May cause conjunctivitis. Report does not suggest exposure levels. Prolonged exposure may cause delayed effect involving blood, gastro-intestinal, respiratory, and nervous and reproductive systems.

3. Composition

Component	% (w/w)	Exposure Limits (ACGIH)*	LD ₅₀	LC ₅₀
Glycol Ether DE Acetate	2-10	Not Established	N/A	N/A

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CAS No 112-15-2				
Gallic Acid CAS No 149-91-7	1-10	Not Established	N/A	N/A
Ethylene Glycol CAS No 107-21-1	.1-5	Not Established	N/A	N/A
Ingredients not to be hazardous	Up to 100%			

* ACGIH: American Conference of Governmental Industrial Hygienists. Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.

ABBREVIATION KEY: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available, n.o.s. (not otherwise specified)

4. First Aid Measures

Note: Emergency assistance may also be available from the local poison control center, if necessary.

Eye Contact: Remove contact lenses if worn. Flush contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes while holding eyelids open. Take care not to contaminate the unaffected eye. Obtain medical attention if an irritation occurs and persists.

Skin Contact: Rinse contaminated area with soap and lukewarm water for at least 5 minutes. Only if an irritation occurs and persists should you seek medical attention. Wash clothing before reuse.

Inhalation: In the case of inhalation of aerosols or mists, contact a physician, if necessary. If inhalation of vapor or mist is suspected, remove victim to fresh air and obtain medical attention.

Ingestion: This is an extremely unlikely occupational route of entry. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing. Rinse mouth thoroughly with cold water. INDUCE VOMITING. Have victim drink several glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention.

NOTE: All first aid procedures should be periodically reviewed by a doctor familiar with the material and its conditions of use in the workplace.

5. Fire Fighting Measures

Suitable Extinguishing Media: Extinguishing Media: Carbon dioxide, dry powder or foam.

Unsuitable Extinguishing Media: None

Specific Hazards:

Hazardous Combustion Products: Carbon monoxide gas.

Fire Fighting Instructions: Fire fighters must wear full face, positive pressure, self-contained breathing apparatus or airline and appropriate protective firefighting clothing as per NFPA.

6. Accidental Release Measures

Overview: In the event of a leak/spill, care should be taken to prevent spillage into sewers or waterways. Restrict access. Stop leak is safe to do so. Ensure that sources of heat and ignition are removed. Do not smoke. Ensure clean up personnel wear appropriate PPE.

Personal Protection: Avoid contact with skin. Wear any means of protection to limit or stop skin or eye contact. See Personal Protection recommendations in Section 8. Due to the low reactivity of this product, any commercially available safety gloves or clothing will suffice. See specific recommendation in Section 8.

Environmental Precautions: Prevent product from entering sewers, natural waterways, or confined spaces.

Remedial Measures: Restrict access to area until completion of cleanup. Stop the flow if it can be done safely. Extinguish or remove all ignition sources. Soak up spill with absorbent that does not react with product. Put contaminated material into the proper covered, labeled containers for disposal. Contaminated absorbent may pose the same hazards as the spilled product. Wipe up spill with rags. Place contaminated rags in closed, labelled containers. Remove residue with detergent cleaner and flush area with water.

7. Handling and Storage

Precautions for Handling. Before handling this product, employees must be trained on the hazards and safe use. Before handling, it is imperative that the personal equipment requirements and personal hygiene measures be followed. Inspect containers for damage or leaks before handling. Unprotected persons should avoid all contact with this product including contaminated equipment. Ensure all containers are correctly labeled indicating hazards. Keep container tightly closed when not in use. Wash face and hands thoroughly after handling, and before eating, drinking, or using tobacco products

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Storage: Store in cool, dry, well ventilated area out of direct sunlight, and away from heat and ignition sources.

8. Exposure Controls, Personal Protection

Occupational Controls: NO TVL or OEL established.

Engineering Controls: If used indoors, ensure adequate ventilation by using local exhaust. Prevent handling methods that will increase airborne vapors.

Respiratory Protection: Respiratory protection program must meet 29 CFR 1910.134 OSHA standards. For vapor concentrations use air purifying respirator with acid gas cartridge, or power air-supplied respirator with acid gas cartridge.

Skin protection: Use chemical protective gloves, coveralls, aprons, overshoes.

Eye and Face Protection: Use chemical safety goggles.

Footwear: As recommended by worksite.

Other: Eyewash and showers should be located near work areas.

9. Physical and Chemical Properties

Appearance: Liquid, White

Odor: mild odor

Odor Threshold: N/E

pH: 2.5 to 3.5

Freezing Point: 32F (product)

Initial Boiling Point:

Boiling Range: 388 - 417°F

Flash Point: 211°F

Solubility: Partial

Partial Coefficient: N/E

Vapor Pressure: N/E

Auto Ignition Temperature: N/A

Solvent Solubility: None

Lower Explosive Limit (LEL): N/E

Upper Explosive Limit (UEL): N/E

Critical Temperature: N/E

Specific Gravity: 1.16 @ 76°F

Evaporation Rate: Faster than n-Butyl acetate

Vapor Density: > 1 (air = 1)

Decomposition Temperature: N/d

Sensitivity to Impact: No

Sensitivity to Static Charge: No

Volatiles by Weight: 60.9%

Volatiles by Volume: 70.4%

10. Stability and Reactivity

Chemical Stability: Stable as supplied.

Hazardous Reactions: None

Conditions to Avoid: Avoid use in a confined area without proper ventilation. Avoid contact with oxidizers. Keep containers away from heat, flames, or open sources of ignition.

Incompatibility: Yes. Avoid contact with strong oxidizers.

Hazardous Decomposition Products: Carbon Monoxide.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

GHS Symbols:



Signal Word/Label: Danger. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Primary Routes of Entry:

Skin Contact: Yes

Skin Absorption: Yes

Eye Contact: Yes

Ingestion: Yes

Inhalation: Yes

Emergency Overview: Wash exposed skin with soap and water. Flush eyes with copious amounts of water.

Effects of Acute (Short-term) Exposure:

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Inhalation: In the case of inhalation of aerosols or mists, contact a physician, if necessary. If inhalation of vapor or mist is suspected, remove victim to fresh air and obtain medical attention.

Skin Contact: May cause minor skin irritation.

Eye Contact: This product contains ingredients which are considered severe eye irritants. Symptoms may include tearing, blurred vision and sensitivity to light. Degree of injury depends upon length of exposure.

Ingestion: Low toxicity by ingestion. Ingestion of copious amounts may cause gastro-intestinal irritation resulting in acidosis..

Effects of Chronic (Long-term) Exposure:

Dermatitis may result from repeated or prolonged exposure skin exposure.

Irritancy: Prolonged contact with skin may defat tissue causing dermatitis or aggravate existing skin problems.

Sensitization: May cause skin and/or respiratory sensitization.

Carcinogenicity: None

Teratogenicity: Prolonged exposure may have teratogenic effects

Mutagenicity: No information available

Synergistic Products: None known

Potential for Accumulation: Not expected to accumulate.

Medical Conditions Aggravated By Exposure: None known

12. Ecological Information

Avoid contamination of waterways. Spills should be contained and discarded IAW with applicable National, State, and municipal laws.

13. Disposal Considerations

Refer to waste management authority.

14. Transport Information

Canada Transportation of Dangerous Goods (TDG): Paint liquid no label required.

United States Department of Transport (49CFR): Paint liquid no label required.

International Air Transport Association (IATA): Paint liquid no label required.

International Maritime Organization (IMO): Paint liquid no label required.

Marine Pollutant: No

15. Regulatory Information

16. Other Information

References:

1. NIOSH Guide to Chemical Hazards
2. Hazardous Substance Data Base (HSDB).
3. Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
4. HMIS Rating: 2-0-0-H

Comments: This Safety Data Sheet (SDS) complies with the United Nations Globally Harmonized System (GHS) of Classification and Labeling, Third Revised Edition. It meets or exceeds the requirements of the Canadian Controlled Products Act (WHMIS).

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This Safety Data Sheet may not be altered in any way without the knowledge and written permission of Cloverdale Paint Inc..

Revisions: None