

SAFETY DATA SHEET

Contents of this SDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200

**READ THE ENTIRE SAFETY DATA SHEET AND LABEL BEFORE USING THIS PRODUCT
IF YOU ARE UNCERTAIN ABOUT ANY SAFETY ISSUES THEN GET EXPERT ADVICE BEFORE PROCEEDING**

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name:	Endall-Rust™ Total Rust Converter and Metal Surface Protector	Manufacturer: Snee Chemical Company 5565 Pepsi Street Harahan, Louisiana 70123 Phone Number: 800-489-7633 Fax Number: 800-489-1321
Product Code:	02 EAR	
Chemical Name:	Not Applicable	
Common Name:	Not Applicable	
Formula:	Proprietary	
Product Class:	Styrene-Acrylates Emulsion	
Uses:	Highly protective polymer coating that converts rust to a non-corrosive material.	

Emergency Telephone Number: 3E Company 800-451-8346

2. HAZARDS IDENTIFICATION

OSHA Hazard:

Irritant

Pictogram:



OSHA Classification:

Skin Irritation (Category 2)
Eye Irritation (Category 2A)

Signal Word: Warning

Hazard Statement: Causes skin irritation and serious eye irritation.

Precautionary Statement:

Do not breathe fumes, gas, mist, vapors or spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves and clothing. Wear eye and face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison control center or physician 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 eye irritation persists: Get medical attention.

Store locked up in a cool well-ventilated place. Dispose of contents and containers in accordance with local, regional and national regulations.

3. COMPOSITION/INFORMATION ON HAZARD INGREDIENTS

Ingredient Name	CAS Number	Percent	OSHA, PEL	ACGIH, TLV
Ethylene Glycol Monobutyl Ether	111-76-2	< 2	50 ppm 8 hrs/TWA	20 ppm 8 hrs/TWA
Aqueous Polystyrene/Acrylic Emulsion Polymer	Mixture	30 – 40	50 ppm 8 hrs/TWA	50 ppm 8 hrs/TWA

4. FIRST AID MEASURES

Eyes:	Immediately flush eyes with water for at least 30 minutes while holding eyelids open. Do not remove contact lens. Immediately get competent medical attention, preferably an eye specialist (ophthalmologist). Do not transport victim until the recommended flushing period is completed unless flushing can be continued during transport.
Skin:	Immediately flush with water (safety shower, water hose), remove all contaminated clothing and continue flushing skin with water for at least 30 minutes. Wash any contaminated clothing before reuse.
Inhalation:	If symptoms are experienced, remove victim to fresh air. Give artificial respiration ONLY if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Immediately seek medical attention. Oxygen administration may be beneficial but should only be administered by personnel trained in its use.
Ingestion:	Do not give anything by mouth to an unconscious or convulsing person. Do NOT induce vomiting, unless advised by a physician or a poison control centre and only under their direction. If the victim is alert and not convulsing, rinse mouth with water and give 1 to 2 glasses of milk. Water can be used if milk is not available but it is not as effective. Limit the amount of fluid intake to prevent vomiting. If spontaneous vomiting occurs, have the victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more milk or water. Get immediate medical attention or call poison control center.
Notes to Physician:	This product contains materials that may cause severe pneumonitis if aspirated. If ingestion has occurred less than 2 hours earlier, carry out careful gastric lavage, use endotracheal cuff if available, to prevent aspiration. Observe patient for respiratory difficulty from aspiration pneumonitis. Perform liver and kidney function tests. Monitor CBC (Complete Blood Count).

5. FIRE FIGHTING MEASURES

Flash Point and Method: 72°C (161.6°F) ASTM D-56 (Tag Closed Cup)
Class IIIA Combustible Liquid

Extinguishing Media

For large fires use alcohol resistant foam. Use carbon dioxide or dry chemical media for small fires. Cool fire-exposed containers with water spray.

Fire Fighting Equipment/Instructions

As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear. At evaluated temperatures this product when in contact with some metals can release flammable hydrogen gas and other poisonous or irritating gases which may be heavier than air. This product is not expected to be sensitive to mechanical impact but will be sensitive to static discharge when heated and vapors are between the lower and upper explosive limits. Seal containers may burst due to pressure increases. Spilled material may make the floors and contact surfaces slippery.

Hazardous Decomposition Products

Carbon Dioxide, Carbon Monoxide, oxides of nitrogen and irritating gases

6. ACCIDENTAL RELEASE MEASURES

Notify safety personnel, provide adequate ventilation and evacuate non-essential personnel. Wear appropriate personal protective equipment as specified in Section 8. Spilled material may make the floors and contact surfaces slippery. Do not flush to sewer or waterways. Contain spill with an inert substance (earth, sand, vermiculite).

7. HANDLING & STORAGE

Handling

Wear appropriate protective equipment (See Section 8). Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not eat, drink or smoke while using this product. Avoid excessive heat. Do not wash out container and use it for other purposes. Use only water to dilute this product. Provide adequate ventilation.

Storage

As with all chemicals, store in tightly closed containers in a cool (below 104°F) dry well-ventilated area away from incompatible materials. Protect from physical damage. Keep from overheating or freezing. If material freezes, gently thaw prior to use. Mild agitation may be required. Keep away from children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

See Section 3 for exposure limits for individual components.

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits as listed in Section 3. Local exhaust is suggested for use, where possible, in enclosed or confined space.

Personal Protection

Eyes/Face:	Safety Glasses with side shields are recommended. Use full face-shield and chemical safety goggles when there is a potential for contact. Contact lenses should not be worn when working with this material.
Skin:	Nitrile, Natural Rubber, Neoprene or Butyl Rubber gloves are recommended. Prior to use, user should confirm impermeability. Check equipment for any damages or holes before use. Discard any damage equipment.
Respiratory:	None should be needed under normal usage as long as adequate ventilation is provided. If ventilation is not possible or inadequate and the exposure limits is exceeded, a full facepiece respirator with an organic vapor cartridge may be worn to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. If while wearing a respiratory protection, you can smell, taste or otherwise detect anything unusual, or in the case of a full facepiece respiratory you experience eye irritation, leave the area immediately. Check to make sure the respiratory to face seal is still good. If it is replace the filter, cartridge or canister. If the seal is no longer good, you may need a new respirator. Facial hair may inferior with the seal.
General:	If working with large quantities of this product and splashing may be possible then wear protective clothing to guard against the splashing, including boots, apron and sleeves made from the same material as the gloves listed above. Maintain eye wash fountain and quick drench safety shower in work area. Keep all non-essential personnel away from work area.



9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Milky Tan Emulsion
Odor:	Characteristic
Odor Threshold:	No Data Available
pH:	2.0 – 2.5
Melting/Freezing Point:	No Data Available
Initial Boiling Point; Boiling Range:	No Data Available
Flash Point:	161.6°F
Evaporation Rate:	No Data Available
Flammability (solid, gas):	Combustible Liquid
Lower Flammability Limit:	No Data Available
Upper Flammability Limit:	No Data Available
Vapor Pressure:	No Data Available
Vapor Density:	No Data Available
Specific Gravity/Density:	1.03 – 1.05 (water = 1) or 8.6 – 8.8 pounds per gallon
Water Solubility:	Emulsifies
Partition Coefficient (n-Octane/Water):	No Data Available
Auto-Ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	No Data Available
Percent Volatile:	> 60% (as Water, Glycol Ether EB vapor)
% VOC:	< 2%

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at room temperature when stored and used under proper conditions.
Possibility of Hazardous Reactions:	Mixing with bases or incompatible materials may cause splattering and release of large amounts of heat.
Conditions to Avoid:	Any Ignitions Sources; Excessive heat or freezing conditions
Materials To Avoid:	Strong Acids and Bases, Oxidizers and Water Reactive Chemicals. Copper and its' alloys will cause discoloration.
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide, oxides of nitrogen and irritating gases.
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Primary Route(s) Of Entry

Eye and Skin Contact, Inhalation

Potential Health Effects

Eyes:	Irritation, swelling, redness, tearing, pain
Skin:	Irritation, swelling, redness, pain, prolonged or repeated contact may result in dermatitis
Inhalation:	Irritation, productive cough, running nose, headache, dizziness, nausea, loss of balance, drowsiness, visual disturbances, fatigue, may cause chemical pneumonitis, pulmonary oedema and hypematremia
Ingestion:	Irritation, burns, nausea, vomiting, diarrhea, dizziness, may damage red blood cells

Medical Conditions Aggravated By Exposure

Medical conditions that may be aggravated by exposure to this product include neurological, cardiovascular and skin disorders, diseases of the skin, eyes or respiratory tract and pre-existing liver and kidney disorders.

Reported As Carcinogen or Potential Carcinogen

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by International Agency for Research on Cancer (IARC), American Conference of Industrial Hygienists (ACGIH), National Toxicology Program (NTP) or Occupational Safety & Health Administration (OSHA).

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and Degradability

No information available.

Bioaccumulative Potential

No information available.

Mobility in Soil

No Data Available.

Other Adverse Effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Treatment, storage, transportation and disposal must be in accordance with all applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Waste should be sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility.

Contact a licensed professional waste disposal service to dispose of this material. Offer surplus and non-recyclable solutions to a licensed disposal company.

14. TRANSPORTATION INFORMATION

DOT I.D. Number	Not Regulated
DOT Proper Shipping Name:	Not Applicable
DOT Hazard Class	Not Applicable
DOT Packing Group	Not Applicable
DOT Label(s):	Not Applicable
Emergency Response Guidebook Number:	Not Applicable
Reportable Quantity (RQ):	29,762 gallons (256,349 pounds) based on ethylene glycol monobutyl ether concentration.
Marine Pollutant:	No
Poison Inhalation Hazard:	No

15. REGULATORY INFORMATION

OSHA Hazards

Irritant

Emergency Planning and Community Right-to-Know Act (EPCRA), Extremely Hazardous Substances (EHS)

This product does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 302.

Emergency Planning and Community Right-to-Know Act (EPCRA), Toxic Chemical Release Inventory Reporting

This product contains chemicals subject to the reporting requirements of SARA Title III, Section 313:

Ethylene Glycol Monobutyl Ether

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard, Fire Hazard

16. OTHER INFORMATION

Disclaimer: The information herein is given in good faith. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0

<u>Rating</u>	<u>Description</u>
0	Minimal
1	Slight
2	Moderate
3	Serious
4	Extreme

Completed On: May 28, 2013

Completed By: Product Safety & Compliance, Supervisor: M. Primeaux