

# Material Safety Data Sheet

Material Name: Gerda Cure & Seal 1315 WB 83-309006

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

Gerda Ameristeel  
4221 West Boy Scout Blvd.  
Suite 600  
Tampa, FL 33607

Phone: (800) 876-3626

Emergency # 800-424-9300 CHEMTREC

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

May cause eye and skin irritation. Prolonged contact may cause sensitization.

### Potential Health Effects: Eyes

May cause irritation.

### Potential Health Effects: Skin

May cause irritation.

### Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal product use. May cause gastrointestinal irritation if swallowed.

### Potential Health Effects: Inhalation

May cause respiratory tract irritation.

### HMIS Ratings: Health: 0 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
25265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	<10
64742-94-5	Naphtha (petroleum), heavy aromatic	<10

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### First Aid: Skin

For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

### First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

### First Aid: Inhalation

Move person to non-contaminated air. Call a physician if symptoms develop or persist. If the affected person is not breathing, apply artificial respiration.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

None

### Hazardous Combustion Products

Not Determined

### Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

### Fire Fighting Equipment/Instructions

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

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NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

None necessary.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

### Storage Procedures

No special storage procedures necessary.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear appropriate eye protection to prevent eye contact.

#### Personal Protective Equipment: Skin

Use impervious gloves.

#### Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

#### Personal Protective Equipment: General

Eye wash fountain is recommended.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

**Appearance:** Varied colors according to product specification

**Odor:** Characteristic

**Physical State:** Liquid

**pH:** ND

**Vapor Pressure:** 23.0 hPa (17 mm Hg)

**Vapor Density:** ND

**Boiling Point:** 100°C (212°F)

**Melting Point:** ND

**Solubility (H2O):** Fully miscible

**Specific Gravity:** 1.104 g/cm<sup>3</sup>

**Evaporation Rate:** ND

**VOC:** < 200 g/L

**Octanol/H2O Coeff.:** ND

**Flash Point:** >120°C (>248°F)

**Flash Point Method:** ND

**Upper Flammability Limit (UFL):** ND

**Lower Flammability Limit (LFL):** ND

**Burning Rate:** ND

**Auto Ignition:** ND

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

None

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## Incompatibility

None

## Hazardous Decomposition

No dangerous decomposition products known.

## Possibility of Hazardous Reactions

Will not occur.

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute Dose Effects

##### A: General Product Information

No information available for the product.

##### B: Component Analysis - LD50/LC50

###### 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)

Oral LD50 Rat: 3200 mg/kg; Dermal LD50 Rat:>15200 mg/kg

###### Naphtha (petroleum), heavy aromatic (64742-94-5)

Inhalation LC50 Rat: >590 mg/m<sup>3</sup>/4H; Oral LD50 Rat:>5000 mg/kg; Dermal LD50 Rabbit:>2000 mg/kg

#### Carcinogenicity

##### A: General Product Information

No information available for the product.

##### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

##### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

###### 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)

Test & Species	Conditions
96 Hr LC50 Pimephales promelas	30 mg/L
72 Hr EC50 Selenastrum capricornutum	18.4 mg/L
48 Hr EC50 water flea	>0.1 mg/L

###### Naphtha (petroleum), heavy aromatic (64742-94-5)

Test & Species	Conditions
96 Hr LC50 Pimephales promelas	19 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	2.34 mg/L
96 Hr LC50 Lepomis macrochirus	1740 mg/L [static]
72 Hr EC50 Skeletonema costatum	2.5 mg/L
48 Hr EC50 Daphnia magna	0.95 mg/L

### \*\*\* Section 13 - Disposal Considerations \*\*\*

#### US EPA Waste Number & Descriptions

#### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

#### Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

# Material Safety Data Sheet

Material Name: Gerdau Cure & Seal 1315 WB 83-309006

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

Shipping Name: Not Regulated

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### Component Analysis

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

#### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

#### Additional Regulatory Information

#### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	25265-77-4	Yes	DSL	EINECS
Naphtha (petroleum), heavy aromatic	64742-94-5	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

End of Sheet