



SDS Number: R-Grade Oxy-Acetylene

Hose

Revision Date: 4/3/2025

## SAFETY DATA SHEET

This Safety Data Sheet (SDS) covers welding consumables and related products and complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Superfund Amendments and Reauthorization Act (SARA) of 1986. Refer to the OSHA standard for specific requirements. This SDS is available on our website at [www.forneyind.com](http://www.forneyind.com), through your sales representative, or by contacting customer service at 1-800-521-6038.

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION:

**Manufacturer/Supplier:** Forney Industries, Inc.  
**Address:** 2057 Vermont Drive Fort Collins, CO 80525  
**Website:** [www.forneyind.com](http://www.forneyind.com)  
**Email:** [CustomerService@forneyind.com](mailto:CustomerService@forneyind.com)  
**Phone Number:** +1 (800) 521-6038  
**USA Emergency Phone Number:** +1 (800) 535-5053  
**International Emergency Phone Number:** +1 (352) 323-3500  
**Trade Name:** R-Grade Oxy-Acetylene Hose

**Forney ITEM#'s:** 86105, 86109, 86145, 86146

### SECTION 2 – HAZARDS IDENTIFICATION:

#### 2.1 Classification

##### GHS Hazard Statements:

**H228 (Flammable Solid):** If containing sulfur-based vulcanizing agents.

**H373 (Prolonged Exposure Risk):** Dust inhalation during cutting/grinding.

#### 2.2 Precautionary Statements

**P210:** Keep away from heat/sparks/open flames.

**P260:** Avoid breathing dust/fumes.

The preparation is classified as Miscellaneous Hazardous Material according to Directive 1999/45/EC and its amendments.

##### Primary Hazards and Critical Effects:

Individual who is sensitive to Styrene Butadiene Rubber may cause skin sensitization by long time skin contact. Environmental Hazards:

Non-Toxic to environment.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS:

| Component                | CAS No.   | Concentration | Hazard Class  |
|--------------------------|-----------|---------------|---------------|
| Styrene Butadiene Rubber | 9003-55-8 | 25%           | Non-hazardous |



SDS Number: R-Grade Oxy-Acetylene

Hose

Revision Date: 4/3/2025

## SAFETY DATA SHEET

|                      |             |     |
|----------------------|-------------|-----|
| Calcium              | 78515-92-1  | 25% |
| Naphthenic oil       | 8562-95-1   | 2%  |
| Carbon black         | 1333-86-4   | 16% |
| Chlorinated paraffin | 106232-86-4 | 5%  |
| Pigment              | -           | 4%  |
| UV Stabilizer        | -           | 1%  |
| vulcanizing agent    | -           | 4%  |
| Brass fittings       | 86376-49-0  | 1%  |

Note: Exact percentages vary by formulation.

### SECTION 4 – FIRST AID MEASURES:

**Inhalation:** Move to fresh air. Seek medical attention if discomfort persists.

**Skin Contact:** Wash with soap and water. Seek medical attention for irritation.

**Eye Contact:** Rinse thoroughly with water. If irritation persists, seek medical advice.

**Ingestion:** Not a likely route of exposure. Seek medical attention if symptoms occur.

### SECTION 5 – FIRE-FIGHTING MEASURES:

**Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO<sub>2</sub>.

**Fire Hazards:** Combustion may produce carbon oxides and other hazardous gases.

**Protective Equipment:** Firefighters should wear self-contained breathing apparatus (SCBA).

### SECTION 6 – ACCIDENTAL RELEASE MEASURES:

**Personal Precautions:** Avoid breathing dust or fumes. Use protective equipment.

**Environmental Precautions:** Prevent release into waterways.

**Cleanup Methods:** Sweep up and dispose of according to local regulations.

### SECTION 7 – HANDLING AND STORAGE:

**Handling:** Repeated or prolonged contact with this product should be avoided in order to lessen the possibility of skin sensitizing. It is essential that all who come into contact with this material maintain high standards of personal hygiene. Washing hands prior to eating, drinking or going to the toilet.

**Storage:** Store in a cool, dry place. Keep away from direct sunlight, strong acid and alkali for long term product life.

### SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**Exposure Limits:** Carbon black (CAS: 1333-86-4) – OSHA PEL: 3.5 mg/m<sup>3</sup>

**Personal Protective Equipment:**

**Respiratory Protection:** Not required under normal conditions.



SDS Number: R-Grade Oxy-Acetylene

Hose

Revision Date: 4/3/2025

# SAFETY DATA SHEET

**Skin Protection:** Protective gloves recommended.

**Eye Protection:** Safety glasses recommended.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

**Appearance:** Solid

**Odor:** rubber product smell

**PH:** Not available

**Vapor Density (Air=1):** Not available

**Specific Gravity (water=1):** Not available

**Density:** Not available

**Boiling Point:** Not available

**Melting Point:** Not available

**Freezing point:** Not available

**Flash Point:** Not available

**Solubility in Water:** Not soluble

**Viscosity:** Not available

**Evaporation Rate (n-Butyl Acetate=1):** Not available

## SECTION 10 – STABILITY AND REACTIVITY:

**Stability:** Stable under normal conditions

**Hazardous Reactions:** None under normal use

**Incompatible Materials:** Strong oxidizers

**Decomposition Products:** Carbon oxides, hydrogen chloride, and other gases

## SECTION 11 – TOXICOLOGICAL INFORMATION:

**Likely Routes of Exposure:** Inhalation, skin contact

**Symptoms of Exposure:** Prolonged exposure to dust or fumes may cause irritation

**Acute toxicity data :** No toxicity data available for this product.

**Carcinogenicity :** Not classifiable as a human carcinogen

## SECTION 12 – ECOLOGICAL INFORMATION:

**Environmental Impact:** No known significant effects

**Persistence and Degradability:** Not readily biodegradable

**Bioaccumulative Potential:** Low

## SECTION 13 – DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations. Do not discharge into water sources.



SDS Number: R-Grade Oxy-Acetylene

Hose

Revision Date: 4/3/2025

# SAFETY DATA SHEET

## SECTION 14 – TRANSPORT INFORMATION:

**UN Number:** Not regulated

**Transport Hazard Class:** Not applicable

**Packing Group:** Not applicable

## SECTION 15 – REGULATORY INFORMATION:

This product contains lead (Pb, CAS No. 7439-92-1) at a concentration of 3% in the brass fittings. Lead is subject to various regulatory restrictions worldwide. Users must comply with applicable local regulations regarding handling, disposal, and workplace safety.

### United States & Puerto Rico

- **TSCA (Toxic Substances Co**

**ntrol Act):** Lead is listed under TSCA regulations.

### California Proposition 65 Warning:

⚠ **WARNING:** This product contains lead, known to the State of California to cause cancer and reproductive harm.

- **OSHA (Occupational Safety and Health Administration) 29 CFR 1910.1025:** Lead exposure in the workplace must comply with OSHA's lead standards.
- **EPA (Environmental Protection Agency) 40 CFR Part 745:** Lead is regulated in occupational and environmental applications.

### Canada

- **CEPA (Canadian Environmental Protection Act):** Lead is listed as a toxic substance.
- **WHMIS (Workplace Hazardous Materials Information System):** Lead is classified as a controlled product under workplace safety regulations.
- **Lead-Containing Products Regulations (SOR/2018-83):** Restrictions apply to consumer products containing lead.

### Europe (EU)

- **REACH (Regulation EC 1907/2006):** Lead is listed as a Substance of Very High Concern (SVHC).
- **RoHS (Directive 2011/65/EU & 2015/863/EU):** This product is not RoHS compliant due to the 3% lead content.
- **CLP (Regulation EC 1272/2008):** Lead is classified as Reproductive Toxicant 1A and must be labeled accordingly.

### China

- **GB 30000 (China GHS Classification):** Lead is classified as a hazardous substance.
- **China RoHS:** If used in electrical applications, this product does not comply with China RoHS due to the lead content.

### Japan

- **CSCL (Chemical Substances Control Law):** Lead is designated as a Priority Assessment Chemical (PAC).
- **JIS K 0101:** Workplace exposure to lead must comply with industrial standards.

### Korea

- **K-REACH (Korean Registration, Evaluation, and Authorization of Chemicals):** Lead is classified as a Priority Control Substance, requiring notification if exceeding 0.1%.
- **Korea RoHS:** This product is not compliant for electronic applications due to lead restrictions.



SDS Number: R-Grade Oxy-Acetylene

Hose

Revision Date: 4/3/2025

## SAFETY DATA SHEET

### *Australia*

- **AICS (Australian Inventory of Chemical Substances):** Lead is listed under AICS and subject to hazardous material regulations.
- **Safe Work Australia (SWA):** Occupational exposure limits apply to lead-containing products.

### *New Zealand*

- **HSNO (Hazardous Substances and New Organisms Act):** Lead is classified as a hazardous substance.

### *Philippines*

- **Chemical Control Order (CCO) for Lead (DAO 2020-02):** The use of lead-containing products is strictly regulated, with restrictions on industrial applications.

### *Taiwan*

- **TCSCA (Toxic Chemical Substances Control Act):** Lead is a regulated toxic chemical.

## SECTION 16 – OTHER INFORMATION:

**Revision Date:** 04/02/2025

**Prepared By:** Forney Industries

**Disclaimer:** Forney Industries cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available