



SDS Number: 37031
Revision Date: 4/4/2025

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, 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
Email: 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: Nozzle Gel
Recommended Use: See Product Label
Restrictions on Use: See Product Label
Forney ITEM#’s: **37031**

SECTION 2 – HAZARDS IDENTIFICATION:

Classification of the Chemical

This chemical is not considered hazardous in accordance with OSHA Hazard Communication Standard 2012.

Signal Word
Not applicable

Hazard Statement(s)
Not applicable

Pictograms
Not applicable

Precautionary Statement(s)
Not applicable

Hazards Not Otherwise Classified
None known

Note

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.
0% of this mixture consists of ingredient(s) of unknown acute toxicity



SDS Number: 37031
Revision Date: 4/4/2025

SAFETY DATA SHEET

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient

CAS

%wt

Hazards

This mixture contains no ingredients considered hazardous to health in accordance with OSHA 19 CFR §1910.1200

Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

Note

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4 – FIRST AID MEASURES:

General First Aid Measures

If medical attention is required then provide product label or safety data sheet to a medical professional.

If Inhaled

Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if person is not breathing.

If on Skin

Wash with soap and water. Take off contaminated clothing and launder with detergent before reuse.

If Swallowed

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

Most Important Symptoms

Skin irritation, eye irritation, respiratory irritation.

Indication of Immediate Medical Attention

Not anticipated to require immediate medical attention.

If in Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Rinse for at least 10 minutes to ensure proper flushing of material from eye.

SECTION 5 – FIRE-FIGHTING MEASURES:

Suitable Extinguishing Media

Foam, CO2, or dry chemical.

Unsuitable Extinguishing Media

Water jets.

Special Protective Equipment for Fire-Fighters

Use a self-contained breathing apparatus.

Specific Hazards Arising from the Chemical

None known.

Hazardous Combustion Products

Carbon monoxide, unidentified organic and inorganic compounds.

Precautions for Fire-Fighters

Simultaneous use of foam and water is to be avoided.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:

Personal Precautions

Ensure that the environment is physically safe to be in. Wear personal protective equipment before remedying an accidental release of mixture.

Protective Equipment



SDS Number: 37031
Revision Date: 4/4/2025

SAFETY DATA SHEET

Wear gloves suitable for chemical resistance. Wear protective eye glasses/goggles. In the event of inadequate air ventilation use artificial breathing apparatuses.

Emergency Procedures

Evacuate all non-essential personnel from the area. Shut off all sources of ignition. Ensure that all drains are covered to prevent environmental exposure. Follow methods found in next sub-section: Methods for Containment and Clean Up

Methods for Containment and Clean Up

Small spill: Soak up with absorbent material, i.e. kitty litter, clay or dirt. Sweep up and place in a labeled closed container. Large spill: Keep unauthorized people from the area. Use self-contained breathing apparatus. Hike area and pump contents to a labeled, closed container. Absorb residue and sweep up. Place in a closed, labeled container. Remove all ignition sources. Prevent product from entering sewers, rivers, or other bodies of water.

References

See Section 7 on safe handling. Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE:

Precautions for Safe Handling

Keep in original container before and after use. Read product label thoroughly and follow directions as provided in each label's Directions section. Wear protective equipment suggested in Section 8 even if product label does not recommend use of protective equipment.

Conditions for Safe Storage

Store in all original containers/packaging as product label contains important information regarding proper use of chemical. Keep away from heat. Store appropriate to NFPA ratings found in Section 15 of this SDS.

Storage Incompatibilities

None known.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Exposure Limits

Ingredient

CAS	PEL	AGCIH	NIOSH
Petrolatum, white 8009-03-8	n/a	n/a	n/a

General Note

Practice good industrial hygiene by washing hands thoroughly before and after use. Keep working areas clean. Ensure proper use of personal protective equipment as recommended in this section.

Appropriate Engineering Controls

Ensure adequate mechanical ventilation capable of preventing vapor build up.

Eye Protection

Eye glasses or goggles are recommended when using this product. Eye protection should fit user as to minimize risk of exposure as much as possible. Eye protection should protect against splash back and aerosolized mists which may affect eyes.

Skin Protection

Wear long sleeves and pants to minimize exposure to skin. Wear protective gloves when using this product. Gloves should be chemically resistant to the material. Launder contaminated clothing before reuse. Wear an apron if usage of chemical is anticipated to expose user to a large quantity of material.

Respiratory Protection

Mechanical ventilation is often sufficient for ensuring respiratory systems are better protected against exposure to material; however, should it be determined that material exposure limits are being concentrated as vapors then local ventilation should be utilized. If vapors exceed TLV use an approved respirator.



SDS Number: 37031
Revision Date: 4/4/2025

SAFETY DATA SHEET

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Blue semi-solid	Flammability	Not determined
Odor	Odorless	Upper Explosive %	Not determined
Odor Threshold	Not determined	Lower Explosive %	Not determined
pH	Not available	Vapor Density	Not available
Melting Point	100.4 °F	Relative Density	0.82 – 0.865 @ 77 °F
Boiling Point	Not available	Solubility	Soluble in diethyl ether
Flash Point	Not determined	Partition Coefficient	Not determined
Evaporation Rate	Not available	Auto-Ignition Temp	Not determined

SECTION 10 – STABILITY AND REACTIVITY:

Reactivity

Material is not anticipated to be reactive

Conditions to Avoid

Excessive heat, incompatible materials

Chemical Stability

Material is anticipated to be stable in normal storage conditions when not exposed to any incompatible materials

Incompatible Materials

Oxidizing agents

Possibility of Hazardous Reactions

None known

Hazardous Decomposition Products

Carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION:

Acute Toxicity Estimates

Oral – Contains no ingredient(s) considered toxic

Dermal – Contains no ingredient(s) considered toxic

Inhalation - Contains no ingredient(s) considered toxic

Skin Sensitization

Contains no ingredient(s) which poses a risk in this category

Aspiration Hazard

Contains no ingredient(s) which poses a risk in this category

Specific Target Organ Toxicity – Repeated Exposure

Contains no ingredient(s) which poses a risk in this category

Carcinogenicity

Contains no ingredient(s) which poses a risk in this category

Specific Target Organ Toxicity – Single Exposure

Contains no ingredient(s) which poses a risk in this category

Eye Damage/Irritation

Contains no ingredient(s) which poses a risk in this category

Delayed and Immediate Effects From Short- and Long-Term Exposure

Not determined

Germ Cell Mutagenicity

Contains no ingredient(s) which poses a risk in this category

Reproductive Toxicity

Contains no ingredient(s) which poses a risk in this category

Symptoms related to the Chemical Characteristics

Not determined

Respiratory Sensitization

Contains no ingredient(s) which poses a risk in this category

National Toxicology Program Listing

No applicable ingredient(s)

Skin Corrosion/Irritation

Contains no ingredient(s) which poses a risk in this category

International Agency for Research on Cancer Listing

No applicable ingredient(s)



SDS Number: 37031
Revision Date: 4/4/2025

SAFETY DATA SHEET

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity Estimated Values

Algae Contains no ingredient(s) considered toxic Fish
Contains no ingredient(s) considered toxic Crustacea
Contains no ingredient(s) considered toxic

Persistence and Degradability

Not biodegradable

Mobility in Soil

Not determined

Other Adverse Effects

Not determined

Bioaccumulative Potential

Not determined

SECTION 13 – DISPOSAL CONSIDERATIONS:

Disposal of Empty Containers

Empty container can be recycled.

Disposal of Material

Dispose of full or partially full containers by offering material to a licensed waste management company and follow all local regulations on proper disposal of material.

SECTION 14 – TRANSPORT INFORMATION:

Hazard Placards

Not regulated

UN Number

n/a UN

Shipping Name

n/a UN

Technical Name

n/a

Hazard Class

n/a

Packaging group

n/a

Limited Quantity

n/a

Marine Pollutant

No

Transport in Bulk

Not determined.

Special Precautions

Keep in original container. Do not store excessive weight on top.

SECTION 15 – REGULATORY INFORMATION:

SARA 311

No applicable ingredient(s).

SARA 312/313

No applicable ingredient(s).

TSCA Inventory List

All ingredients in this mixture are on the TSCA inventory list as active or exempt.

California

Prop65

No applicable ingredient(s). ARB Designation

Not applicable

VOC Limit

Not applicable

HMIS®III (higher numbers indicate higher risk)

Health

0

Flammability

0

Physical Hazard

0



SDS Number: 37031
Revision Date: 4/4/2025

SAFETY DATA SHEET

NFPA (higher numbers indicate higher risk)

Health	0
Flammability	0
Instability	0

SECTION 16 – OTHER INFORMATION:

General Disclaimer

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process