



SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Identifier: **Nozzle Gel**
Product Use: Protection of welding tips and nozzles; prevention of spatter build-up in weld operations
Item Code: 108-16
Supplier Name: Techniweld Corporation
Supplier Address: 2300 Winston Park Drive
Oakville, ON L6H 7T7
Supplier Web Address: www.techniweld.com
Supplier Phone: 905-829-8780
1-800-268-4833
Emergency Phone: CHEMTREC (24-Hour) 1-800-424-9300
Prepared By: Techniweld Corporation
Preparation Date: 17 November 2015

Section 2: Hazard Identification

Classification: Not a controlled product
Label Elements: Not applicable
Other Hazards: Not applicable

Section 3: Composition/Information on Hazardous Ingredients

| HAZARDOUS INGREDIENTS | CAS NUMBER | APPROXIMATE CONCENTRATION (%) |
|-----------------------|------------|-------------------------------|
| Petrolatum | 8009-03-08 | >99% |
| Anthraquinone Dye | 14233-37-5 | <1% |

Section 4: First-aid Measures

Inhalation: If breathed in, move person to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and transport to nearest medical facility for additional treatment.
Ingestion: Wash out mouth with water. Do NOT induce vomiting. Call physician immediately. Never give anything by mouth to an unconscious person.
Eye Contact: Immediately flush upper and lower eyelids with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persists, visit nearest medical facility for additional treatment.
Skin Contact: Wash off with soap and water. Wash contaminated clothing before reuse. If skin irritation persists, contact a physician.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can provide number of regional poison control centre.

Section 5: Fire-fighting Measures

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| <i>Flammable:</i> | No specific fire or explosion hazard. Will support a flame above flashpoint. |
| <i>Means of Extinction:</i> | Use an extinguishing agent suitable for the surrounding fire. |
| <i>Flashpoint:</i> | Greater than 165°C (329°F) |
| <i>Auto-ignition Temperature:</i> | Not available |
| <i>Hazardous Combustion Products:</i> | CO ₂ , CO |
| <i>Explosion Data Sensitivity to Mechanical Impact:</i> | Not available |
| <i>Explosion Data Sensitivity to Static Discharge:</i> | Not available |
| <i>Special Equipment:</i> | Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |
| <i>Precautions for Fire Fighters:</i> | Keep personnel removed and upwind of any fire. Use water to keep containers cool. |

Section 6: Accidental Release Measures

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| <i>Protection Equipment:</i> | See section 8 |
| <i>Emergency Procedures:</i> | Prevent entry of product into sewers, water course, basements or confined areas. |
| <i>Leak or Spill Procedure:</i> | For <i>small spill</i> , move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. For <i>large spill</i> , move containers from spill area while preventing entry of product into sewers, water course, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container for disposal in accordance with local, provincial/state and federal regulations. |

Section 7: Handling and Storage

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| <i>Handling Procedures and Equipment:</i> | Ensure proper PPE is being worn when handling product (see section 8). Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands thoroughly before breaks and at the end of the workday. |
| <i>Storage Requirements:</i> | Store in original container away from direct sunlight. |
| <i>Incompatibilities:</i> | Strong oxidizing agents (ie./ peroxides, chlorines, etc.) |

Section 8: Exposure Controls/Personal Protection

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| <i>Exposure Limits:</i> | Not applicable |
| <i>Engineering Controls:</i> | No special ventilation requirements; good general ventilation should be sufficient to control exposure to airborne contaminants. |
| <i>Personal Protective Equipment:</i> | <u>Respiratory:</u> If a risk assessment indicates respiratory protection is necessary, be sure to use a properly fitted particulate filter respirator. <u>Hands:</u> If product is in molten state, be sure to wear chemical-resistant, impervious gloves complying with an approved standard. <u>Eyes:</u> If product is in molten state, safety glasses with side shields or face shield should be worn to prevent splashes or mists. <u>Skin:</u> If product is in molten state, coveralls in compliance with an approved standard are recommended. |

Section 9: Physical and Chemical Properties

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| <i>Physical State:</i> | Waxy solid |
| <i>Odour and Appearance:</i> | Hydrocarbon and blue |
| <i>Odour Threshold (ppm):</i> | Not available |
| <i>pH:</i> | Not available |
| <i>Melting Point:</i> | 55.2°C (131.4°F) |
| <i>Freezing Point:</i> | Not available |
| <i>Boiling Point:</i> | 302°C (575.6°F) |
| <i>Flashpoint:</i> | Closed cup: 182°C to 221°C (359.6°F to 429.8°F) Open cup: >200°C (>392°F) |
| <i>Relative Density:</i> | 0.844 |
| <i>Upper Flammable Limit (% by volume):</i> | 7% |
| <i>Lower Flammable Limit (% by volume):</i> | 0.9% |

Section 10: Stability and Reactivity

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| <i>Chemical Stability:</i> | Stable |
| <i>Possible Hazardous Reactions:</i> | Not applicable |
| <i>Conditions to Avoid:</i> | Not applicable |
| <i>Materials to Avoid (Incompatibilities):</i> | Not applicable |
| <i>Conditions of Reactivity:</i> | Not applicable |
| <i>Hazardous Decomposition By-Products:</i> | Not applicable |
| <i>Hazardous Polymerization:</i> | Not applicable |

Section 11: Toxicological Information

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| <i>Effects of Acute Exposure:</i> | Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons. Molten product could cause thermal burns on contact with the skin and eyes. Breathing fumes in confined areas could cause respiratory irritation. |
| <i>Effects of Chronic Exposure:</i> | In rats, chronic ingestion of paraffins has shown accumulation in target organs (liver, spleen) with associated nonspecific immune response. Aspiration of large amounts is reported to cause lipid pneumonia. |
| <i>Irritancy of Product:</i> | Not available |
| <i>Sensitization to Product:</i> | Not applicable |
| <i>Carcinogenicity:</i> | Not applicable |
| <i>Reproductive Effects:</i> | Not applicable |
| <i>Respiratory Sensitization:</i> | Not applicable |
| <i>Toxicological Data:</i> | Dermal, rabbit - >5000 mg/kg (LD50); Oral, rat - >5000 mg/kg (LD50) |

Section 12: Ecological Information

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| <i>Aquatic and Terrestrial Toxicity:</i> | Not available |
| <i>Persistence and Degradability:</i> | Not available |
| <i>Bioaccumulative Potential:</i> | Not available |
| <i>Soil Mobility:</i> | Not available |

Section 13: Disposal Considerations

NOTE: Always dispose of waste in accordance with local, provincial and federal regulations.

Safe Handling:
Methods of Disposal:

See section 8.
Waste of this product should be avoided when possible. All waste should be disposed of in accordance to local, provincial/state and federal regulations.

Section 14: Transportation Information

This product is not regulated as it is not a controlled product.

Section 15: Regulatory Information

This product is not regulated.

Section 16: Other Information

Preparation Date: 17 November 2015
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