

# Material Safety Data Sheet

## Nozzle Gel

### Section 1: Product Information

Supplier's Name



Manufacturer's Name

See Supplier

Address

2300 Winston Park Dr  
Oakville, ON L6H 7T7

Address

See Supplier

Telephone Number

(905) 829-8780  
1-800-268-4833

Telephone Number

416-293-4151  
(24 hour)

Trade Name

MIG Nozzle Dip/ Tip Dip  
Perlatum

Chemical Family

Petroleum hydrocarbon

Chemical Formula:

N/A

Product Use

Protection of welding tips and nozzles

### Section 2: Hazardous Ingredients

No hazardous ingredients as defined by the Canadian Hazardous Products Act (Bill C70) or by OSHA 29 CFR 1910.1200.

### Section 3: Physical Data

Physical State: Solid	Boiling Point: >300°C
Odour and Appearance: Opaque. None to slight petroleum odour	Freezing Point: N/A
Odour Threshold (PPM): N/A	Solubility in Water (20°C) <0.1%
Specific Gravity: .85-.92	% Volatile (by Volume): 0 at 25°C
Vapour Pressure: (MM): <0.01 @25°C	pH: N/A
Vapour Density: (Air =1): N/A	Coefficient of Water/Oil Distribution: <0.01
Evaporation Rate: <0.01	

#### **Section 4: Fire or Explosion Hazard**

Flammable: **Yes. Will support a flame above flashpoint.**

Means of Extinction: **Carbon dioxide, dry chemical water fog or foam. Do not use water stream.**

Special Fire Fighting Procedures: **Use water to keep containers cool.**

Flashpoint: **Greater than 165°C**

Upper Explosion Limit (% by volume): 7.0%

Lower Explosion Limit (% by volume): 0.9%

Auto ignition temperature: N/A

Hazardous Combustion Products: CO<sub>2</sub>, CO

Explosion data-sensitivity to mechanical impact: N/A

Explosion data-sensitivity to static discharge: N/A

#### **Section 5: Reactivity Data**

Chemical Stability: **Yes**

Incompatibility to other substances: **Yes**

If so, which ones? Strong oxidizing agents e.g. peroxides, chlorines

Reactivity under what conditions? N/A

Hazardous decomposition products: Carbon dioxide, carbon monoxide and other products such as aldehydes and ketones depending on conditions of oxidation.

#### **Section 6: Toxicological Properties**

Route of Entry:

Skin Contact Yes

Eye Contact: N/A

Inhalation Acute: N/A

Inhalation Chronic: Yes

Ingestion: N/A

Effects of acute exposure to material: 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.

Effects of chronic exposure to material: 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.

Exposure Limits	TLV/TWA 2 mg/m <sup>3</sup> for paraffin wax fume. TLV/TWA 5 mg/m <sup>3</sup> for oil mist (ACGIH)	Reproductive Toxicity	N/A
Irritancy of Material	N/A	Teratogenicity	N/A
Sensitization to Material	N/A	Mutagenicity	N/A
Carcinogenicity	Non carcinogenic by studies to date.	Toxicologically synergistic products	*

\* **unknown**

### **Section 7: Preventive Measures**

Personal Protective Equipment:

**When product is molten, wear impervious gloves, face shield and coveralls. Use appropriate respiratory gear.**

Engineering Controls: **Use in well-ventilated areas.**

Leak or Spill Procedure:

**Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material and place into appropriate containers for recycling or disposal. Finally, clean area with an oil absorbent material.**

Handling Procedures and Equipment: **Keep in closed containers.**

Waste Disposal:

**Dispose of in accordance with local, provincial and federal regulations.**

Storage Requirements:

**Store away from flame, heat (250°F maximum) and strong oxidizing agents.**

Special Shipping Information: **None**

### **Section 8: First Aid Measures**

**Eye Contact: Flush with water for 15 minutes. Call physician.**

**Skin Contact: For burns, apply running water for 15 minutes. Do not attempt to remove any material bonded to the skin. Call physician.**

**Inhalation: Remove to fresh air. Call physician.**

**Ingestion: Do not induce vomiting. Call physician.**

**Section 9: Preparation Information**

Prepared by: Techniweld  
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1-800-268-4833

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New Jersey Right To Know Information (Hazardous & Non-Hazardous)

USP Petrolatum CAS# 8009-03-8  
Anthraquinone Dye CAS#14233-37-5

Hazard Ratings

Fire-1

Reactivity-0

Toxicity-0

Special-None

The manufacturer believes this data to be accurate and to reflect qualified expert opinion regarding current research. However, the manufacturer cannot make any express or implied warranty as to this information.