

**Section 1: Product and Company Identification**

*Product Identifier:* **Water Based Anti-Spatter / Nozzle Shield (Aerosol)**  
*Product Use:* Prevents spatter build up in welding operations  
*Item Code:* PW1622-14  
*Supplier Name:* Powerweld Inc.  
*Supplier Address:* 2501 Beech Street  
Valparaiso, IN 46383  
*Supplier Web Address:* [www.powerweldinc.com](http://www.powerweldinc.com)  
*Supplier Phone:* 219-462-8700  
1-800-826-9073  
*Prepared By:* Powerweld Inc.  
*Preparation Date:* 1 January 2026  
*OSHA Regulatory Status:* Regulated  
*WHMIS Classification:* Hazardous / Regulated

**Section 2: Hazard Identification**

<i>Classification:</i>	Flammable Aerosols	Category 3
	Acute Toxicity	Category 5 Oral
		Category 5 Dermal
		Category 5 Inhalation
	Eye Irritation	Category 2B

*Symbols:*



*Signal Word:* WARNING!  
*Hazard Statements:*  
H229 Pressurized container: may burst if heated.  
H303 May be harmful if swallowed.  
H313 May be harmful if contact with skin.  
H320 Causes eye irritation.  
H333 May be harmful if inhaled.  
*Precautionary Statements:*  
P102 Keep out of reach of children.  
P103 Read label before use.  
P301+ IF SWALLOWED:  
P330+ Rinse mouth.  
P331 Do NOT induce vomiting.  
P332+ IF SKIN IRRITATION OCCURS: Get medical advice/  
P313 attention.  
*Other Hazards:* Not applicable

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## Section 3: Composition/Information on Hazardous Ingredients

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None

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## Section 4: First-aid Measures

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*Inhalation:*

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

*Ingestion:*

Unlikely due to being in aerosol form. Should actual ingestion occur, do not induce vomiting! Drink a glass of water or milk to dilute. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

*Eye Contact:*

Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

*Skin Contact:*

Remove with soap and water. Continue flushing with water for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation continues or if large skin area is affected.

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

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## Section 5: Fire-fighting Measures

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*Flammable:*

Not flammable under normal conditions. Product is water based.

*Special Fire Fighting Procedures:*

Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure.

*Unusual Fire and Explosion Hazards:*

Contents under pressure.

*Auto-ignition Temperature:*

Not available

*Hazardous Combustion Products:*

If water component is driven off, and residue ignited, product may release CO<sub>2</sub>, CO and oxides of nitrogen and sulfur.

*Flash Point:*

>400°F / 204°C (Concentrate)

*Flash Point Method:*

Estimated

*Upper Flammable Limit:*

None

*Lower Flammable Limit:*

None

*Special Equipment:*

Wear self-contained breathing apparatus. Use water spray to cool fire exposed aerosol containers; containers can rupture violently from heat developed pressure.

*Precautions for Fire Fighters:*

See above

*Suitable Extinguishing Media:*

Powder, water spray, foam, carbon dioxide

*Unsuitable Extinguishing Media:*

Not available

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## Section 6: Accidental Release Measures

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*Personal Precautions:*

Use personal protection equipment recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

<i>Environmental Precautions:</i>	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
<i>Methods for Containment:</i>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<i>Methods for Clean Up:</i>	Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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## Section 7: Handling and Storage

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<i>Handling Precautions:</i>	Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
<i>Storage Requirements:</i>	Store in area below 120°F (49°C). Do not incinerate (burn) containers. Assure can is in a secure place to prevent knocking over and accidental rupture. Always replace cap when not in use.
<i>Incompatibilities:</i>	Heat, sparks, open flame, red hot metal, electrical arcs, high pressure in aluminum systems.

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## Section 8: Exposure Controls/Personal Protection

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<i>Engineering Controls:</i>	General ventilation (typically 10 air changes for hour) should be used.
<i>Personal Protective Equipment:</i>	HMIS Personal Protection, B – Safety Glasses, Gloves
	<u>Eye Protection:</u> Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact could occur, chemical splash proof goggles are recommended.
	<u>Hand Protection:</u> Wear suitable gloves.
	<u>Skin Protection:</u> For brief contact, no precautions other than clean body-covering clothing should be needed.
	<u>Respiratory Protection:</u> In case of insufficient ventilation, wear suitable respiratory equipment.

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## Section 9: Physical and Chemical Properties

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<i>Physical State:</i>	Mixture packaged in pressurized aerosol spray can
<i>Odour and Appearance:</i>	Yellow, opaque mobile liquid with a slight pungent odour.
<i>Odour Threshold (ppm):</i>	Not available
<i>pH:</i>	9.3 - 9.9
<i>VOC:</i>	Less than 1%
<i>Solubility:</i>	Soluble in water
<i>Specific Gravity/Density:</i>	0.995 – 1.01 g/ml
<i>Melting Point:</i>	Not available
<i>Freezing Point:</i>	Not available

*Boiling Point:* >200°F (93°C)  
*Flashpoint:* Not available  
*Upper Flammable Limit (% by volume):* Not available  
*Lower Flammable Limit (% by volume):* Not available

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## Section 10: Stability and Reactivity

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*Chemical Stability:* Stable  
*Possible Hazardous Reactions:* Not applicable  
*Conditions to Avoid:* Heat, sparks, open flame, and temperatures above 120°F (49°C)  
*Materials to Avoid (Incompatibilities):* Strong oxidizing agents  
*Hazardous Decomposition By-Products:* CO, CO<sub>2</sub>  
*Hazardous Polymerization:* Hazardous polymerization does not occur.

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## Section 11: Toxicological Information

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No product toxicological information is available.

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## Section 12: Ecological Information

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None anticipated under normal conditions of use.

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## Section 13: Disposal Considerations

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

*Methods of Disposal:* Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether special waste regulations apply.

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## Section 14: Transportation Information

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*UN Identification Number:* UN1950, Class : 2  
*Proper Shipping Name:* Aerosols. Non-flammable (each not exceeding 1 L capacity)  
*Hazardous Class or Division:* 2.2 (Non-flammable Gas)  
*Packing Group:* Not applicable

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## Section 15: Regulatory Information

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According to our information, this product is not a dangerous material.

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## Section 16: Other Information

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*Preparation Date:* 22 September 2025  
*Date of Last Revision:* 1 January 2026

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*This SDS format is in accordance with GHS. Powerweld Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of Powerweld. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.*