SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Identifier:	**Solvent Based Anti-Spatter / Nozzle Shield**
Product Use:	Prevents spatter build up in welding operations
Item Code:	1620-16
Supplier Name:	Powerweld Inc.
Supplier Address:	2501 Beech Street Valparaiso, IN 46383
Supplier Web Address:	www.powerweldinc.com
Supplier Phone:	219-462-8700 1-800-826-9073
Prepared By:	Powerweld Inc.
Preparation Date:	17 March 2022
OSHA Regulatory Status:	Regulated
WHMIS Classification:	D1B, D2A, D2B, A

Section 2: Hazard Identification

Classification:	Eye Irritation	Category 2A
	Skin Irritation	Category 2
	Specific Target Organ Toxicity – Single Exposure	Category 3 (H335, H336)
	Carcinogen	Category 2

Label Elements: WARNING! Contains methylene chloride

Hazard Phrases

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May causes respiratory irritation.
H336	May causes drowsiness or dizziness.
H351	Suspected of causing cancer.

Precautionary Phrases

P201	Obtain special instructions before use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+ P351+	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
P338	Continue Rinsing
P337+ P313	IF EYE IRRITATION PERSISTS: Get medical advice/ attention.

P302+	
P352	IF ON SKIN: Wash with plenty of soap and water.
P332+ P313	IF SKIN IRRITATION OCCURS: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P304+ P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a poison centre or doctor/physician if you feel unwell.
P308+ P313	IF EXPOSED OF CONCERNED: Get medical advice/ attention.
P403+ P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local or national regulations.

Other Hazards: Not applicable

Section 3: Composition/Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS	CAS NUMBER	APPROXIMATE CONCENTRATION (%)
Methylene Chloride	75-09-2	>90
Carbon Dioxide	124-38-9	Balance

Section 4: First-aid Measures

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.

Section 5: Fire-fighting Measures

Flammable: Heat, sparks, flame, red hot metal

Means of Extinction: For warehouse and storage conditions, use NFPA Class B extinguishers (CO_2, dry chemical or universal aqueous film forming foam).

Auto-ignition Temperature: Not available

Hazardous Combustion Products: Not available

Explosion Data Sensitivity to Mechanical Impact: Not available

Explosion Data Sensitivity to Static Discharge: Not available

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

Section 6: Accidental Release Measures

Protection Equipment: Avoid prolonged or repeated skin contact. Avoid breathing vapours.

Emergency Procedures: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal considerations.

Leak or Spill Procedure: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill. Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapours and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent. Flush area with water. All rinsate should be placed in safety containers and labeled for proper disposal.

Section 7: Handling and Storage

Handling Procedures and Equipment: Avoid prolonged or repeated skin contact. Avoid breathing vapours.

Storage Requirements: 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 overcap when not in use. For store of pallet quantities, compliance with ANSI/NFPA 30B is recommended.

Incompatibilities: Heat, sparks, open flame, red hot metal, electrical arcs, high pressure in aluminum systems.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

INGREDIENTS	EXPOSURE LIMITS (PPM)	
	OSHA PEL	ACGIH TLV
Methylene Chloride (Dichloromethane)	25	50
Carbon Dioxide	5000	5000

Engineering Controls: General ventilation (typically 10 air changes for hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient above.

Personal Protective Equipment: Eye Protection: 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.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 3.

Section 9: Physical and Chemical Properties

Physical State:	Liquid / gas
Odour and Appearance:	Clear to white liquid with a chloroform-like odour
Odour Threshold (ppm):	Not available
pH:	Not available
Melting Point:	Not available
Freezing Point:	Not available
Boiling Point:	104°F
Flashpoint:	Not available
Upper Flammable Limit (% by volume):	Not available
Lower Flammable Limit (% by volume):	Not available

Section 10: Stability and Reactivity

Chemical Stability:	Stable
Possible Hazardous Reactions:	Not applicable
Conditions to Avoid:	Heat, sparks, open flame, red hot metal, electrical arcs, high pressure in aluminum systems.
Materials to Avoid (Incompatibilities):	Strong oxidizing materials (ie./ oxygen, nitrogen, peroxide, oxidizers) and reactive materials (ie./ aluminum, potassium, sodium, etc.).
Conditions of Reactivity:	Not available
Hazardous Decomposition By-Products:	CO, CO_2, phosgene and/or HCI
Hazardous Polymerization:	Hazardous polymerization does not occur.

Section 11: Toxicological Information

Skin Contact:	Frequent or prolonged contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis.
Skin Absorption:	Not available
Eye Contact:	Liquid or vapours may cause redness, burning, tearing, swelling and/or pain.
Inhalation:	Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait or confusion.
Ingestion:	Due to being an aerosol, product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to the membranes of the mouth, throat, gastrointestinal tract, and may result in vomiting and/or cramps.
Effects of Acute Exposure:	Prolonged inhalation at high levels can cause unconsciousness and death.
Effects of Chronic Exposure:	Excessive exposure may cause carboxyhemoglobinemia.
Irritancy of Product:	Not available
Sensitization to Product:	Prolonged contact with high concentrations can lead to serious kidney and liver damage.
Carcinogenicity:	This product contains Methylene Chloride which has been shown to cause cancer in certain laboratory animals when exposed to high vapour concentration over an extended period of time. While not proven to be carcinogenic to humans, if it should be found to be so, risk to health would depend on level and duration of exposure. Exposure to vapour should be minimized until risk to humans has been determined.
Reproductive Effects:	Not available
Respiratory Sensitization:	Not available
Toxicological Data:	Oral, rat – 1600mg/Kg (LD50); Inhalation, rat – 88 000mg/m^3/30min (LC50)

Section 12: Ecological Information

Aquatic and Terrestrial Toxicity:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Soil Mobility:	Not available

Section 13: Disposal Considerations

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

Safe Handling:	Avoid prolonged or repeated skin contact. Avoid breathing vapours.
Methods of Disposal:	An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state/provincial regulations. Collected rinsate materials from spills may be hazardous wastes, and therefore subject to local, state/provincial and federal regulations.

Section 14: Transportation Information

UN Identification Number:	UN1950
Proper Shipping Name:	Aerosols
Hazardous Class or Division:	2.2 (Non-flammable Gas)
Packing Group:	Not applicable

This material is considered as *hazardous* (Per 49 CFR 172.101) by the US Department of Transportation.

This material is considered as *dangerous goods by the Transport Canada*. Use the above information for the preparation of Canadian shipments.

Section 15: Regulatory Information

OSHA Classification:	This product is classified as a "Hazardous Chemical" by definition of Hazard Communication Standard (29 CFR 1910.1200) Occupational exposures tom ethylene chloride are specifically regulated under 29 CFR 1910.1052
Carcinogen Status:	Methylene Chloride is listed by NTP as "reasonably anticipated to be a human carcinogen" and by IARC as a Group 2B carcinogen.
Toxic Substances Control Act (TSCA):	The product on this SDS, or all of its components, is listed under TSCA.
SARA Title III, Section 313:	The following ingredients are subject to the reporting requirements of Section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 CFR Part 372: Methylene Chloride (90.5%).
Clean Air Act (CAA):	No ingredients appear on the List of Hazardous Air Pollutants.
Clean Water Act (CWA):	No ingredients appear on the CWA List of Hazardous Substances.
California Proposition 65:	The following ingredients appear of the Proposition 65 list(s): Methylene Chloride (C).
New Jersey Right to Know Information:	(5 most predominant ingredients / hazardous & non-hazardous) Methylene Chloride CAS# 75-09-2 Carbon Dioxide CAS# 124-38-9
Canadian Workplace Hazardous Materials Information System (WHMIS):	This MSDS has been prepared according to the hazard criteria of the

	Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.
Domestic Substances List (DSL):	The product on this SDS, or all of its components, is included in the DSL.

Section 16: Other Information

Preparation Date:	24 September 2015
Date of Last Revision:	17 March 2022

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