

WELDING CHEMICALS INC. SAFETY DATA SHEET

Section 1: Identification

MSDS Name: SDS-AS-SB-A

Product Identifier: AS-SB-A SOLVENT-BASED ANTI-SPATTER

Other Means of Identification: None.

Recommended Use: Solvent-based aerosol anti-spatter provides superior protection on welding equipment, contact tips, accessories, and welding surfaces.

Restrictions on Use: No information available.

Item Numbers: AS-SB-A

Bar Codes: 8 10048 30001 3

Chemical Name/Synonyms: Anti-Spatter

Supplier Identification and Address:

Welding Chemicals Inc.,

2236 Liberty Drive

Niagara Falls, NY 14304

(716) 402-6906

570 Industrial Drive

Fort Erie, Ontario L2A 5M4

(905) 963-3339

Email: qc@weldingchemicalsinc.com

Web: www.weldingchemicalsinc.com

In emergency call 911.

Emergency Telephone Number (M-T 8:30 to 4:30 EST): 716-402-6906

For CHEMTREC assistance, call: 800-424-9300

For Canada only: 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone.

Section 2: Hazard(s) Identification

GHS Classification:

Eye irritation: Category 2A

Skin irritation: Category 2

Specific target organ systemic toxicity - single exposure (Oral): Category 3 (Central nervous system)

Specific target organ systemic toxicity - repeated exposure (Oral): Category 2 (Liver, Kidney, Blood)

Carcinogen: Category 2

GHS Label Elements:



Signal Word(s): Warning

Hazard Statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

Contains Methylene Chloride (CAS 75-09-2).

Precautionary Statement(s):

P201 Obtain special instructions before use.

P261 Avoid breathing dust/fume/gas/mist/vapors/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+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. 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 CENTER or doctor/physician if you feel unwell.
 P308+P313 IF EXPOSED OR CONCERNED: Get medical advice/attention.

Description of Other Hazards: None.

Storage:

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.

Disposal:

P501 Dispose of contents / container to an approved waste disposal plant.

Section 3: Composition/ Information on Ingredients

Chemical Name	CAS No.	% Conc.
Methylene Chloride	75-09-02	>90%

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.

Most Important Symptoms and Effects, Acute and Delayed: None known.

Immediate Medical Attention and Special Treatment: Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: For warehouse and storage conditions, use NFPA Class B extinguishers (CO2, dry chemical or universal aqueous film forming foam).

Unsuitable Extinguishing Media: N/Av

Specific Hazards Arising from the Product / Chemical: None known.

Explosion Data

Sensitivity to Mechanical Impact: N/Av

Sensitivity to Static Discharge: N/Av

Special Protective Equipment and Precautions for Firefighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure. Combustion generates toxic fumes. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Prevent spilled material from entering sewers, storm drains, and natural waterways.

Methods and Materials for Containment: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable containers. Keep all sources of ignition away from spill/release.

Measures for Cleaning Up: Clean up spills immediately, observing precautions in Section 8. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Provide ventilation.

Special Instructions: 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.

Section 7: Handling and Storage

Precautions for Safe Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for Safe Storage, Including Incompatibilities

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

Incompatibilities: Strong acids. Strong bases. Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Control Parameters:

Chemical Name	CAS-NO.	Exposure Limits Basis
Methylene Chloride	75-09-02	25ppm TWA OSHA PEL, 125 ppm STEL
		50 ppm TWA ACGIH TLV

Appropriate Engineering Controls: Good ventilation using local exhaust should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual Protection Measures



Eye / Face protection: If required, wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA'S eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.

Skin and Body 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 such as Sol-Vex® gloves or other clothing impervious to the ingredient listed in Section 2.

Respiratory Protection: Respiratory protection program meeting OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed when workplace conditions warrant respirator use.

Hygiene Measures: Standard precautionary measures for safe chemical handling. PVC, Neoprene or Nitrile rubber gloves. Do not eat, drink, or smoke when using this product.

Section 9: Physical and Chemical Properties

Physical state: Liquid / Gas
Color: Clear to white liquid.
Odor: Chloroform-like odor.
Odor threshold: N/Av
pH: N/Av
Melting Point: N/Av
Freezing Point: N/Av
Initial Boiling Point/Boiling Range: 104 °F / N/Av
Flash Point: N/Av
Evaporation Rate (BA=1): 14.50
Flammability (solid, gas): Not determined.
Upper/Lower Flammability or Explosive Limits: N/Av
Vapor Pressure (mm HG): 390
Vapor Density (AIR=1): 2.9
Relative Density (@21 °C): N/Av
Solubility in/Miscibility with water (% by weight): 1.3
Partition Coefficient: n-Octanol/Water: N/Av
Auto-ignition Temperature: N/Av
Decomposition Temperature: N/Av
Viscosity: N/Av
Explosive Properties: None known.
Oxidizing Properties: None known.

Section 10: Stability and Reactivity

Reactivity: No dangerous reactions known.
Chemical Stability: Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions: None under normal processing.
Conditions to Avoid: Incompatible materials, excess heat, sources of ignition.
Incompatible Materials: Oxidizing agents.
Hazardous Decomposition Products: CO, CO₂, phosgene and /or HCl.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation [Y] Skin Contact [Y] Skin Absorption [Y] Eye Contact [Y] Ingestion [N]
Inhalation: N/Av
Ingestion: N/Av
Skin Corrosion / Irritation: May cause skin irritation in susceptible persons.
Serious Eye Damage / Eye Irritation: Vapors may cause irritation to the eyes, respiratory system and the skin.
Respiratory or Skin Sensitization: N/Av
LD50 (oral rat): >1600 mg/kg
LC50 (inhalation rat): 88,000 mg/m³/30 min
Acute Toxicity Estimates: N/Av

STOT – Single Exposure: Methylene Chloride: Category 1 - Causes damage to cardiovascular system including elevated carboxyhemoglobin levels, Category 3 - Narcotic Effects, Category 3 - Respiratory Tract Irritation.

Aspiration Toxicity: Category 2 – May be harmful if swallowed and enters airways.

STOT – Repeated Exposure: Methylene Chloride: Blood, Liver, category 2.

Carcinogenicity: This product contains Methylene Chloride which has been shown to cause cancer in certain laboratory animals when exposed to high vapor 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 vapor should be minimized until risk to humans has been determined.

Reproductive Toxicity: N/Av

Mutagenic Effects: Negative or equivocal results have been obtained in mutagenicity test using mammalian cells or animals. Results of AMES bacterial tests have generally been positive suggesting that genotoxic potential does not appear to be a significant factor in the toxicity of methylene chlorine.

Sensitization: No effects known.

Target organs: N/Av

Section 12: Ecological Information

Ecotoxicity: N/Av

Persistence and Biodegradation: N/Av

Bioaccumulation: N/Av

Other Adverse Effects: N/Av

Section 13: Disposal Considerations

Disposal Methods: 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 regulations. Collected rinsate materials from spills may be hazardous wastes, and therefore subject to local, state, and federal regulations. Chemical waste generators must determine whether discarded materials are classified as hazardous waste.

Contaminated Packaging: Dispose of in accordance with all applicable federal, state, and local regulations.

Section 14: Transport Information

DOT Regulations:

PROPER SHIPPING NAME: Aerosols

HAZARD CLASS NUMBER and DESCRIPTION: 2.2 (Nonflammable Gas)

UN IDENTIFICATION NUMBER: UN 1950

PACKING GROUP: Not Applicable

DOT LABEL(S) REQUIRED: Nonflammable Gas

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER, 1996:126

TDG Regulations: See above.

Section 15: Regulatory Information

TSCA (Toxic Substances Control Act):

CAS# 75-09-2 is listed on the TSCA inventory.

SARA Section 302 Extremely Hazardous Substances:

None of the chemicals in this product have a TPQ.

SARA 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 (Section 112 Hazardous Air Pollutants (HAPs)):

The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116:4): None

Clean Water Act:

The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116:4): None

OSHA:

This product is classified as a "Hazardous Chemical" by definition of Hazard Communication Standard (29 CFR 1910.1200) Occupational exposures to methylene chloride are specifically regulated under 29 CFR 1910.1052.

California Prop 65:

WARNING: This product can expose you to chemicals including methylene chloride, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Canada - DSL/NDSL:

CAS# 75-09-2 is listed on Canada's DSL List.

Canada - WHMIS 2015

D1B, D2A, D2B, A

Section 16: Other Information**Abbreviations:**

N/Av Not Available

N/Ap Not Applicable

N/D Not Determined

MSHA (Mine Safety and Health Administration)

NIOSH (National Institute for Occupational Safety and Health)

NFPA (National Fire Protection Association)

STOT (Specific Target Organ Toxicity)

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicity Program)

CERCLA The Comprehensive Environmental Response, Compensation, and Liability Act

SARA (The Superfund Amendments and Reauthorization Act)

WHMIS (Worker Hazardous Materials Information System)

NFPA Rating: Health: 2; Flammability: 1; Reactivity: 1

Date of Latest Revision: March 01, 2021

Revision: 00

The information provided in this Safety Data Sheet (SDS) is believed to be accurate as of the date this document was prepared (see Date of Latest Revision above). No warranty of merchantability, fitness for any particular use, or any other warranty, expressed or implied, is made regarding the accuracy or completeness of the information contained herein, or the results to be obtained from the use of this information, or the product itself, and we further assume no liability resulting from its use. Users shall make their own determination as to the suitability of the product or products described herein, and in no event shall Welding Chemicals Inc. (WCI) be liable for any claims, losses, or damages for any lost profits or any special, indirect, incidental, consequential or exemplary damages resulting from the information contained herein or product use.