



SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Section 1: Product and Company Identification

Product Name: **Water Based Anti-Spatter (Aerosol)**
Product Identifier: Anti-Spatter
Product Use: Prevents Spatter Build Up in Welding Operations
Item Code(s): Water Based Anti Spatter
SDS Code: 5002
Manufacturer: Welding Material Sales
Address: 1340 Reed Road
Geneva, IL 60134

Business Phone: 630-232-6421
Business Fax: 888-733-1512
E-mail Address: info@weldingmaterialsales.com

Emergency Phone: 1-800-424-9300
Date of Preparation: May 23, 2015
OSHA Regulatory Status: Not Regulated
WHMIS Classification: Not Regulated

Section 2: Hazard Identification

ROUTE OF ENTRY: Eyes; Ingestion; Inhalation; Skin.

INHALATION: Vapors may cause drowsiness and dizziness.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: Not a normal route of exposure.

SUGGESTED NATIONAL FIRE PROTECTION ASSOCIATION RATING: Health | 0 | Fire | 0 | Reactivity | 0 |

SUGGESTED HMIS RATING: Fire | 0 | Health | 0 | Physical Hazards | 0 | Personal Protection | B |

Classification of the Substance or Mixture

Flammable Aerosols	Category 3
Acute toxicity	Category 5 Oral
Acute toxicity	Category 5 Dermal
Serious Eye Damage/Eye Irritation	Category 2 B
Acute toxicity	Category 5 Inhalation

Emergency Overview**WARNING****Hazard Statements**

H229	Pressurized container: may burst if heated
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H320	Causes eye irritation
H333	May be harmful if inhaled

Appearance: Yellow, opaque**Physical State:** Aerosol**Odor:** Slight pungent**Precautionary Statements - Prevention**

P102	Keep out of reach of children.
P103	Read label before use.

Precautionary Statements - Response

P301+ P330+ P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P332+ P313	IF SKIN IRRITATION OCCURS: Get medical advice/attention.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None

Section 3: Composition and Information on Ingredients

Chemical Name	CAS-No	Weight %*
AMMONIUM HYDROXIDE	1336-21-6	< 1%

Section 4: First Aid Measures**INHALATION:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.**SKIN CONTACT:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.**INGESTION:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

Section 5: Fire Fighting Measures

CONDITIONS OF FLAMMABILITY: 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.

FLASH POINT: > 400°F (Concentrate)

FLASH POINT METHOD: Estimated

LOWER FLAMMABLE LIMIT: None

UPPER FLAMMABLE LIMIT: None

AUTO-IGNITION TEMPERATURE: Not Known

HAZARDOUS COMBUSTION PRODUCTS: If water component is driven off, and residue ignited, product may release CO₂, CO and oxides of nitrogen and sulfur.

Means of Extinction

SUITABLE EXTINGUISHING MEDIA: Powder, water spray, foam, carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Not available.

Section 6: Accidental Release Measures

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

ENVIRONMENTAL PRECAUTIONS: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

METHODS FOR CONTAINMENT: 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).

METHODS FOR CLEAN-UP: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

Section 7: Handling and Storage

HANDLING PRECAUTIONS: 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.

STORAGE REQUIREMENTS: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Section 8: Exposure Controls / Personal Protection

ENGINEERING CONTROLS: General ventilation (typically 10 air changes for hour) should be used.

PERSONAL PROTECTIVE EQUIPMENT: HMIS Personal Protection, B - Safety Glasses, Gloves

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.

HAND PROTECTION: Wear suitable gloves.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment.

Control Parameters

EXPOSURE LIMITS:

Chemical Name	OSHA-PEL	ACGIH-TLV
Ammonium hydroxide	50 ppm	25 ppm

Section 9: Physical and Chemical Properties

<u>APPEARANCE:</u>	Yellow, opaque mobile liquid
<u>PHYSICAL STATE:</u>	Mixture packaged in pressurized aerosol spray can
<u>ODOR:</u>	Slight pungent
<u>SOLUBILITY:</u>	Soluble in water
<u>SPECIFIC GRAVITY/DENSITY:</u>	0.995 - 1.01 g/ml
<u>BOILING POINT:</u>	>200°F
<u>pH:</u>	9.3 - 9.9
<u>VOC:</u>	less than 1%

Section 10: Stability and Reactivity

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Heat, sparks, open flames and temperatures above 120°F. Do not puncture or incinerate container.

MATERIALS TO AVOID: Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION: CO, CO₂

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

No product toxicological information is available.

Section 12: Ecological Information

None anticipated under normal conditions of use.

Section 13: Disposal Considerations

WASTE DISPOSAL METHODS: 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.

Section 14: Transportation Information

<u>DOT CLASS:</u>	Non-Flammable Gas (2.2) #2.2
<u>UN NUMBER:</u>	UN 1950, Class: 2
<u>PROPER SHIPPING NAME:</u>	Aerosols, Corrosive, Packing Group II or III, (each not exceeding 1 L capacity) or Aerosols, Flammable (each not exceeding 1 L capacity) or Aerosols, Flammable, N.O.S. (engine starting fluid) (each not exceeding 1 L capacity) or Aerosols, Nonflammable (each not exceeding 1 L capacity) or Aerosols, Poison (each not exceeding 1 L capacity)

Section 15: Regulatory Information

According to our information this product is not dangerous material.

Section 16: Other Information

N/E	Not Established
N/Av	Not Available
N/Ap	Not Applicable
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute for Occupational Health and Safety
TLV-TWA	Threshold Limit, Time Weighted Average
NAERG	North American Emergency Response Guidebook
WHMIS	Workplace Hazardous Materials Information System

This SDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. Welding Material Sales 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 Welding Material Sales. 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.