

Product Name	WUREX Aerosol Anti Spatter Spray
Part Number	800040
SDS Document Number	SDS_WUREX AEROSOL ANTI SPATTER SPRAY_v1.1_200519
Issue Date	20/05/19

1 Product identifier & identity for the chemical

1.1 Product Identifier

Trade designation: WUREX Aerosol Anti Spatter Spray

Part Numbers: 800040

1.2 Other means of identification

Wurex silicon free spatter release coating.

1.3 Recommended use of the chemical and restrictions on use

Anti spatter agent. Welding Aid. Do not use except for welding.

1.4 Suppliers name, address and phone number

Supplier Name: Dynaweld Industrial Supplies Pty Ltd
Address: Building 2, 10 Jessica Place, Prestons NSW 2170, Australia
Phone: +61 2 8761 6500
Email: sales@dynaweld.com.au
Web Site: <http://www.dynaweld.com.au/>

1.5 Emergency phone number

Emergency Phone: +61 2 8761 6500 (Australia)

2 Hazard Identification

2.1 Classification of the hazardous chemical

This product is a mixture. Some of its ingredients make it hazardous according to the criteria of the Australian Safety and Compensation Council (ASCC).

Classified as dangerous goods as per the Australian Code for the transportation of Dangerous Goods by Road and Rail (ADG Code). Danger Class 2.2 - Non-Flammable Non-Toxic Gases

GHS (Globally Harmonized System) classification is Hazardous (based on prior NOHSC categorisation as Harmful Xn)

- Skin irritation – Category 2
- Serious eye irradiation – Category 2A
- Carcinogenicity - Category 2
- Specific Target Organ Toxicity - Repeated Exposure - Category 3

2.2 Label elements, including precautionary statements

Signal Word: Warning



Symbols: GHS08 Chronic Health Hazards

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Hazard Statements:

GHIS

H315 – Causes skin irritation
H319 – Causes serious eye irritation
H336 - May cause drowsiness and dizziness
H351 - Suspected of causing cancer

Precautionary Statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, clothing, eye and face protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.

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 appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in classification

General: When this product is used in a welding process, there are a number of potential hazards. Please read and understand this Safety Data Sheet, the manufacturer's instructions, precautionary labels and *WTIA Technical Note No. 7 Health and Safety in Welding* before using this product.

AUH066 – Repeated exposure may cause skin dryness and cracking

3 Composition/information on ingredients

3.1 Identity of chemical ingredients

Chemical Name	CAS No.	Concentration Range (% w/w)
Methylene Chloride	7509-2	30-60 %
Carbon dioxide	124-38-9	30-60 %
Distillates, petroleum, solvent-dewaxed heavy nap	64742-63-8	<5 %
Non hazardous ingredients	Not Applicable	<10 %

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3.2 CAS number and other unique identifiers

Note: See section 3.1

3.3 Concentration of ingredients

Note: See section 3.1

4 First Aid Measures

4.1 Description of necessary first aid measures

General:	Contact The Poisons Information Centre in the case of poisoning, burns or irritation by this product. The number is 13 1126 from anywhere in Australia and is available 24 hours a day.
Inhalation:	If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor. If breathing has stopped, perform artificial respiration, and get immediate medical advice/attention.
Skin contact:	Remove contaminated clothing and wash affected areas with plenty of water and soap. If irritation occurs, seek medical advice/attention.
Eye contact:	Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical advice/attention.
Ingestion:	If swallowed, do not induce vomiting. Rinse mouth thoroughly with water. For advice, contact The Poisons Information Centre (Phone 13 11 26) or a doctor.

4.2 Symptoms caused by exposure

Limited evidence of a carcinogenic effect, harmful if swallowed, repeated exposure may cause skin dryness or cracking, vapours may cause drowsiness and dizziness.

Note: Refer to Section 11 for further information.

4.3 Medical Attention and Special Treatment

Treat symptomatically.

5 Fire Fighting Measures

As shipped, this product is non-flammable. However, welding arc and sparks can ignite combustibles and flammable products. Read and understand *WTIA Technical Note No. 7 Health and Safety in Welding* before using this product.

5.1 Suitable extinguishing media

As shipped, the product will not burn. In case of fire in the surroundings, Use foam, dry chemical, water fog or carbon dioxide. No unsuitable extinguishing media is known.

5.2 Specific hazards arising from the chemical

Under fire conditions, it will release oxides of carbon and noxious fumes including chloride gases and possibly phosgene.

5.3 Special protective equipment and precautions for fire fighters

Special protective equipment:	Possible risk of containers to rupture or explode when exposed to extreme temperatures. If there is a risk of exposure to products of combustion, fire fighters should wear self-contained breathing apparatus.
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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

If accidental release occurs ensure that appropriate PPE is worn (i.e. protective gloves, chemical goggles and safety boots).

Note: Refer to recommendations in Section 8.

6.2 Environmental precautions

Avoid release to the environment. Residues are not water soluble. Do not allow product to enter watercourse. Dispose of solid residues in chemical waste disposal area in accordance with relevant local/regional/national regulations.

6.3 Methods and materials for containment and cleaning up

For small spills wipe up with a paper towel and place in bin for disposal.

For large spills absorb with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Clean areas in contact with spilled material with adequate warm soapy water to render the area safe for human contact.

Note: Refer to Section 13 for proper disposal.

7 Handling and Storage

7.1 Precautions for safe handling

Reduction of fumes and dust: Keep formation of fumes to a minimum. Provide appropriate exhaust ventilation at places where fumes are formed. Read and understand the manufacturer's instruction and the precautionary label on the product. See WTIA Technical Note No. 7 Health and Safety in Welding.

7.2 Conditions for safe storage, including any incompatibilities

Store indoors in a cool, dry and well-ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Optimum storage temperature: 5°C-30°C.

Store in accordance with local/regional/national regulations.

Note: See section 8 for further information.

8 Exposure controls/personal protection

8.1 Control parameters – exposure standards, biological monitoring

Chemical Name	CAS No.	Limit Value (TLV) *
Methylene Chloride	7509-2	174mg/ m ³
Carbon Dioxide	124-38-9	9000mg / m ³

Keep exposure below exposure limits. Threshold Limit Values (TLVs) and Biological Exposure Indices (BEIs) are values published by the American Conference of Government Industrial Hygienists (ACGIH). ACGIH Statement of Positions Regarding the TLVs and BEIs states that the TLV-TWA should be used as a guide in the control of health hazards and should not be used to indicate a fine line between safe and dangerous exposures.

8.2 Appropriate engineering controls






Ventilation: Use enough ventilation, local exhaust at the arc, or both, to keep the fumes and gases below the exposure limits in the worker's breathing zone, and the general area. Keep exposure as low as possible.

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Determine the composition and quantity of fumes and gases to which workers are exposed by taking an air sample from inside the welder's helmet if worn or in the worker's breathing zone. Improve ventilation if exposures are not below limits.

Note: See WTI Technical Note 7 – Health and Safety in Welding for further information / guidance.

8.3 Personal protective equipment (PPE)

Eye Protection		Wear chemical goggles or a full face shield
Hand protection:		Wear protective gloves. The use of polyvinyl alcohol (PVA) gloves is recommended.
Protective Clothing		Wear protective clothing that covers arms and legs.
Respiratory		If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.
Hygiene measures:		Do not eat, drink or smoke when using the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Note: See WTI Technical Note 7 – Health and Safety in Welding for further information / guidance.

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9 Physical and chemical properties

	Property	Product description
9.1	Appearance	Green liquid
9.2	Odour	No further relevant information available
9.3	Odour threshold	No further relevant information available
9.4	pH	Not applicable
9.5	Melting point/freezing point	-97 °C
9.6	Boiling point and boiling range	40 °C
9.7	Flash point	No further relevant information available
9.8	Evaporation rate	No further relevant information available
9.9	Flammability	14-22°C
9.10	Upper/lower flammability or explosive limits	No further relevant information available
9.11	Vapour pressure	46.5 kPa @ 20°C
9.12	Vapour density	No further relevant information available
9.13	Relative density	No further relevant information available
9.14	Solubility(ies)	Insoluble
9.15	Partition coefficient: (n-octanol/water)	No further relevant information available
9.16	Auto-ignition temperature	No further relevant information available
9.17	Decomposition temperature	No further relevant information available
9.18	Viscosity	No further relevant information available
9.19	Specific heat value	No further relevant information available
9.20	Particle size	No further relevant information available
9.21	Volatile organic compounds content	No further relevant information available
9.22	% volatile	No further relevant information available
9.23	Saturated vapour concentration	No further relevant information available
9.24	Release of invisible flammable vapours and gases	No further relevant information available
	Additional parameters	
9.25	Shape and aspect ratio	No further relevant information available
9.26	Crystallinity	No further relevant information available
9.27	Dustiness	No further relevant information available
9.28	Surface area	No further relevant information available
9.29	Degree of aggregation or agglomeration	No further relevant information available
9.30	Ionisation (redox potential)	No further relevant information available
9.31	Biodurability or biopersistence	No further relevant information available

10 Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of storage and transport.

10.2 Chemical stability

Stable under normal conditions of temperature and pressure.

10.3 Conditions to avoid

Avoid open flames, heat or sparks.

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10.4 Incompatible materials and possible hazardous reactions

Keep away from strong oxidisers and acids.

10.5 Hazardous decomposition products

In a fire, it can release oxides of carbon and noxious fumes including chlorine gases.

11 Toxicological information

11.1 Information on routes of exposure

Acute:

Ingestion: If swallowed, may cause nausea, vomiting, abdominal pain and harmful effects on the central nervous system. Aspiration of liquid into the lungs during ingestion or from vomiting may cause pneumonitis.

Skin: Contact with skin can result in irritation. Symptoms may include redness, edema, drying, defatting and cracking of skin

Eyes: Contact with the eyes will cause irritation. Symptoms include itching, burning, redness and tearing.

Inhalation: Inhalation of vapour/spray may cause respiratory irritation, fatigue, headache, dizziness and drowsiness.

Chronic: Repeated or prolonged exposure to his product through inhalation or swallowing has been shown to have a carcinogenic effect and so should be minimised where possible.

11.2 Symptoms related to exposure

Note: See Section 11.1

11.3 Numerical measures of toxicity

No further information available

11.4 Immediate, delayed and chronic health effects from exposure

Note: See Section 11.1

11.5 Exposure Levels

Note: See Section 11.1

11.6 Interactive effects

Note: See Section 11.1

11.7 Data limitations

No further information available.

12 Ecological information

12.1 Ecotoxicity

Do not allow product to contaminate waterways or soil. This product may be harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No further relevant information available.

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12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Other adverse effects

No further information available.

13 Disposal considerations

13.1 Safe handling and disposal methods

Unwanted material should be taken to a chemical waste collection site. Normally suitable for disposal by incineration in an approved incineration plant. Containers should be emptied prior to disposal at an approved landfill site.

13.2 Disposal of any contaminated packaging

Dispose of non-recyclable products in accordance with all applicable National, State, and Local requirements.

13.3 Environmental regulations

Discharge, treatment, or disposal may be subject to National, State, or Local laws.

14 Transport information

14.1 UN number

1950

14.2 Proper shipping name

Aerosols

14.3 Transport hazard class(es)

2.2 Non Flammable Gas (6.1)

14.4 Packing group

No further relevant information available

14.5 Environmental hazards

No further relevant information available

14.6 Special precautions during transport

No further relevant information available

14.7 Hazchem Code

2YE

15 Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question



SAFETY DATA SHEET

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Regulations of each country are applied to substances / mixtures.

15.2 Poisons Schedule number

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

16 Other information

Training advice: Ensure that user is aware of the potential hazards and knows what to do in the event of an accident or an emergency.

16.1 Date of preparation or review

1st May, 2024

16.2 Key abbreviations or acronyms used

BEI - Biological Exposure Indices

GHS - Globally Harmonized System of classification and labelling of chemicals.

IARC - International Agency for Research on Cancer

NTP - National Toxicology Program

PPE - Personal Protection Equipment

SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons

TLVs - Threshold Limit Value

WTIA – Welding Technology Institute of Australia

Dynaweld Industrial Supplies Pty Ltd requires that all customers read this safety data sheet carefully so as to be informed about the risks implied in the use of the product, and provide any person involved with a copy of the same and/or adequate training on the use of the product.

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END OF SAFETY DATA SHEET