



Zinc Galvanizing Spray

Galvanizing spray-SAFETY DATA SHEET

Control # 1090 date 3/17/20

SECTION: 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- 1.1 Product Name: Weldcote Zinc Galvanizing Spray
- Product Identification: Zinc Primer
RW109-13
- Product Specification:
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:
- 1.2.1 Relevant identified uses: Galvanizing repair
- 1.2.2 Uses advised: Reference the [7. Handling and storage]
- 1.3 Details of the supplier of the safety data sheet:
- Supplier: Weldcote Metals Inc.
842 Oak Grove Rd.
Kings Mountain, NC 28086
- Emergency telephone number: (800) 424-9300 or (704) 739-4115
- Email: info@weldcotemetals.com

SECTION: 2 HAZARDS IDENTIFICATION

- 2.1 Classification of the mixture:
The product is placed on the market in liquid/spray form
- 2.1.1 Classification in accordance with GHS-US:

Skin corrosion/irritation	Cat 2
Serious Eye damage/eye Irritant	Cat 2A
Carcinogenicity	Cat 2
Reproductive Toxicity	Cat 2
Specific target organ toxicity (single exp)	Cat 3
Specific target organ toxicity (repeated)	Cat 2
Aspiration toxicity	Cat 1
Flammable aerosols	Cat 1
Gases under pressure	Compressed Gas

- 2.2 Label elements:
- GHS-US labeling:



Hazard Pictograms (GHS-US):

Hazard statements (GH5-US):

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H351 Suspected of causing cancer
- H361 Suspected of damaging fertility or the unborn child
- H336 May cause drowsiness or dizziness
- H373 May cause damage to organs (central nervous system, eyes, kidney, liver, respiratory system, and skin)

through prolonged or repeated exposure

- H304 May be fatal if swallowed and enters airways
- H222 Extremely flammable aerosol
- H280 Contains gas under pressure; may explode if heated

Precautionary statements:

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P264 Wash face, hands and any exposed skin thoroughly after handling
- P260 Do not breathe dust/fumes/gas/mist/vapors/spray
- P271 Use only outdoors or in a well-ventilated area
- P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P211 Do not spray on an open flame or other ignition source
- P251 Pressurized container: Do not pierce or burn, even after use

P308+P313 IF EXPOSED OR CONCERNED: Get medical advice/attention

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.



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- P331 Do NOT induce vomiting
 - P337+P313 If eye irritation persists get medical advice/attention.
 - P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 - P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P337+P313 IF EYE IRRITATION PERSISTS: Get medical advice/attention
 - P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 - P405 Store locked up
 - P403+P233 Store in a well-ventilated place. Keep container tightly closed
 - P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
 - P501 Dispose of contents/container to an approved waste disposal plant
- 2.3 Other hazards: No additional information available
- 2.4 Unknown acute toxicity (GHS-US): Toxic to aquatic life with long lasting effects

SECTION: 3 COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances: No data available
- Full Text of H-phrases: see section 16
- 3.2 Mixtures: The mixture contains dangerous substances:

Substance name	Product Identifier (CAS No)	% Percent
Zinc	7440-66-6	20-30
Acetone	67-64-1	20-30
Propane/Isobutane/N-Butane	68476-86-8	20-30
Toluene	108-88-3	1-10
Xylene	1330-20-7	1-10
Butyle Acetate	123-86-4	1-10
Ethyl Benzene	100-41-4	1-10

SECTION: 4 FIRST AID MEASURES

- 4.1 Description of first aid measures:
- First-aid measures after inhalation: Remove to fresh air. Call a physician immediately. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
 - First-aid measures after skin contact: Flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.
 - First-aid measures after eye contact: Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.
 - First-aid measures after ingestion: Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering lungs on vomiting after ingestion.
- 4.2 Most important symptoms and effects, both acute and delayed:
- Main Symptoms: Irritation to skin. Causes eye irritation, inhalation causing Central Nervous System effects. Ingestion causing lung damage.
 - Notes to Physician: Treat symptomatically.

SECTION: 5 FIREFIGHTING MEASURES

- 5.1 Extinguishing media:
- Suitable extinguishing media: Water fog, dry chemical, carbon dioxide (CO2). Cool containers / tanks with water spray.
 - Unsuitable extinguishing media: Do not use a solid water stream as it may scatter & spread

5.2 Special hazards arising from the substance or mixture: Flammable or extremely flammable aerosol. Container may burst in fire
Explosion hazard: SENSITIVE TO MECHANICAL IMPACT: none / SENSITIVE TO STATIC DISCHARGE: yes

5.3 Advice for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire fighters from bursting containers.

SECTION: 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:
For non-emergency and emergency personnel: Use with adequate ventilation to keep the exposure levels below the OELS.
- 6.2 Environmental precautions: Avoid release into the environment. Avoid dispersal of spilled material and contact with soil, ground and surface water drains and sewers. Report spills as required by local and federal regulations.
- 6.3 Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Contain liquid and collect with an inert, non-combustible material.
- 6.4 Reference to other sections: See Section 7 for information of safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION: 7 HANDLING AND STORAGE

- 7.1 Precautions and safe handling: Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.
- 7.2 Conditions for safe storage, including and incompatibilities: Store in cool, dry and well-ventilated place. Keep away from incompatible materials. Keep away from heat, open flame, strong oxidizers and acids.
Aerosol Level: 2
- 7.3 Specific end use(s): For welding consumables and related products.

SECTION: 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Acetone (CAS No) 67-64-1		
USA ACGIH	ACGIH (TWA) (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2400 mg/m ³
Propane/Isobutane/N-Butane (CAS No) 68476-86-8		
USA ACGIH	ACGIH (TWA) (ppm)	1000 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1800 mg/m ³
Toluene (CAS No) 108-88-3		
USA ACGIH	ACGIH (TWA) (ppm)	20 ppm
USA OSHA	OSHA PEL (ppm)	200 ppm
Xylene (CAS No) 1330-20-7		
USA ACGIH	ACGIH (TWA) (ppm)	100 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
Butyl Acetate (CAS No) 123-86-4		
USA ACGIH	ACGIH (TWA) (ppm)	150 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	710 mg/m ³
Ethyl Benzene (CAS No) 100-41-4		
USA ACGIH	ACGIH (TWA) (ppm)	20 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³

8.2 Exposure controls:

- Appropriate engineering controls: Use adequate ventilation to keep the exposure levels below the OELS.
- Eye/face protection: Safety glasses with side-shields
- Skin and body protection: Chemical resistant apron. Protective gloves.
- Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

SECTION: 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	- Aerosol
Appearances:	- Opaque
Color:	- Gray
Odor:	- Solvent
Odor threshold:	- No data available
pH:	- No data available
Relative evaporation rate (butyl acetate = 1):	- No data available
Melting point:	- No data available
Freezing point:	- No data available
Initial boiling point and boiling range:	- No data available
Flash point:	- -96.4°C / -141°F
Self ignition temperature:	- No data available
Decomposition temperature:	- No data available
Flammability (solid, gas):	- No data available
Vapour pressure:	" No data available
Relative vapour density at 20° C:	- No data available
Relative density:	- No data available
Solubility(ies)	- No data available
Log Pow:	- No data available
Log Kow:	- No data available
Viscosity, kinematic:	- No data available
Viscosity, dynamic:	- No data available
Explosive properties:	- No data available
Oxidizing properties:	- No data available
Explosive limits:	- No data available

9.2 Other information: No additional information available.

SECTION: 10 STABILITY AND REACTIVITY

- 10.1 Reactivity: No additional information available.
- 10.2 Chemical stability: The product is stable under normal conditions.
- 10.3 Possibility of hazardous reactions: Will not occur.
- 10.4 Conditions to avoid: Extremes of temperature and direct sunlight
- 10.5 Incompatible materials: Store away from strong oxidizers and acids
- 10.6 Hazardous decomposition products: Carbon Oxides

SECTION: 11 TOXICOLOGICAL INFORMATION

11.1 Information on Likely Routes of Exposure:

PRODUCT INFORMATION: Product does not present an acute toxicity hazard based on known information
 INHALATION: Exposure to high vapor concentrations may cause nervous systems effects such as headache, nausea, and dizziness.
 EYE CONTACT: Irritating to eyes.
 SKIN CONTACT: Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.
 INGESTION: Not acutely toxic. Aspiration into lungs during swallowing may cause serious lung damage which may be fatal.

Substance name	CAS number	LD50 oral (mg/kg)	LD50 (Dermal) (mg/kg)	Comments
Acetone	67-64-1	5800 mg/kg	20,000 mg/kg	
Toluene	108-88-3	2600 mg/kg	12,000 mg/kg	
Xylene	1330-20-7	3500 mg/kg	4350 mg/kg	
Butyl Acetate	123-86-4	14,000 mg/kg	17,600 mg/kg	
Ethyl Benzene	100-41-4		15,400 mg/kg	

Information on Toxicological Effects:

SYMPTOMS: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to respiratory system, Irritating to skin, and may cause irritation to eyes. May be harmful or fatal if ingested.

Delayed and immediate effects as well as Chronic Effects from short and long terms exposure:

SKIN CORROSION/IRRITATION: Irritating to skin
 EYE DAMAGE/IRRITATION: Irritating to eyes
 SENSITIZATION: No information available
 GERM CELL MITAGENICITY: No information available
 CARCINOGENICITY: The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen. There are no known carcinogenic chemicals in this product.

Substance name	CAS number	Agency	Risk Factor
Toluene	108-88-3	IARC Group	3- Reasonably anticipated to be human carcinogen
Xylene	1330-20-7	IARC Group	3- Reasonably carcinogenic to humans
Ethyl Benzene	100-41-4	IARC Group	2B Possibly carcinogenic to humans

REPRODUCTIVE TOXICITY: Contains ingredients that are suspected reproductive hazards
 SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE): May cause drowsiness and dizziness
 SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE): May cause damage to organs through prolonged or repeated exposure.
 CHRONIC TOXICITY: intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.
 TARGET ORGAN EFFECTS: Central nervous system, eyes, kidney, liver, respiratory system, skin.
 ASPIRATION HAZARD: May be fatal if swallowed and enters airways.

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral): 920 mg/kg
 ATEmix (dermal): 2501 mg/kg
 ATEmix (inhalation gas): 93360 mg/l
 ATEmix (inhalation dust/mist): 21.8 mg/l
 ATEmix (inhalation vapor): 106 mg/l

SECTION: 12 ECOLOGICAL INFORMATION

12.1 Toxicity:

Ecology - general: No data available.

Zinc (CAS No) 7440-66-6	
LC50 fishes 1	2.16 - 3.05 mg/l (Exposure time: 96 h - species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.139 - 0.908 mg/l (Exposure time: 48 h - species: Daphnia magna [static])
EC50 other aquatic organisms 1	0.11 - 0.271 mg/l (Exposure time: 96 h - species: Pseudokirchneriella subcapitata [static])
LC50 fish 2	0.211 - 0.269 mg/l (Exposure time: 96 h - species: Pimephales promelas ([semi-static])
EC50 other aquatic organisms 2	0.09 - 0.125 mg/l (Exposure time: 72 h - species: Pseudokirchneriella subcapitata[static])
Acetone (CAS No) 67-64-1	
LC50 fishes 1	4.74 - 6.33 ml/l (Exposure time: 96 h - species: Oncorhynchus mykiss [semi-static])
EC50 other aquatic organisms 1	10294 - 17704 mg/l (Exposure time: 48 h - species: Daphnia magna[static])
Propane/Isobutane/N-Butane (CAS No) 68476-86-8	
BCF fish 1	(no bioaccumulation expected)
Toluene (CAS No) 108-88-3	
LC50 fishes 1	15.22 - 19.05 mg/l (Exposure time: 96 h - species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.6 mg/l (Exposure time: 48 h - species: Gammarus lacustris [static])
LC50 other aquatic organisms 1	13.1 - 16.5 mg/l (Exposure time: 96 h - species: Lepomis macrochirus [static])
LC50 fish 2	23.53 - 29.97 mg/l (Exposure time: 96 h - species: Pimephales promelas ([semi-static])
Xylene (CAS No) 1330-20-7	
LC50 fishes 1	13.4 mg/l (Exposure time: 96 h - species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - species: Daphnia magna [static])
LC50 other aquatic organisms 1	11.0 - 15.0 mg/l (Exposure time: 96 h - species: Lepomis macrochirus [static])
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - species: Pimephales promelas ([semi-static])
LC50 other aquatic organisms 2	12.5 mg/l (Exposure time: 72 h - species: Pseudokirchneriella subcapitata[static])
Butyl Acetate (CAS No) 123-86-4	
BCF fish 1	17 - 19 mg/l (Exposure time: 96 h - species: Pimephales promelas [flow-through])
Ethyl Benzene (CAS No) 100-41-4	
LC50 fishes 1	7.55 - 11 mg/l (Exposure time: 96 h - species: Pimephales promelas [flow-through])
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - species: Gammarus lacustris [static])
LC50 other aquatic organisms 1	32 mg/l (Exposure time: 96 h - species: Lepomis macrochirus [static])
LC50 fish 2	9.1 - 15.6 mg/l (Exposure time: 96 h - species: Pimephales promelas ([semi-static])



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PERSISTENCE AND DEGRADABILITY: No information available.

BIOACCUMULATION: No information available.

Chemical Name	Cas No.	log Pow
Acetone	67-64-1	-0.24
Propane/Isobutane/N-Butane	68476-86-8	2.8
Toluene	108-88-3	2.65
Xylene	1330-20-7	3.15
Butyl Acetate	123-86-4	1.81
Ethyl Benzene	100-41-4	3.118

OTHER ADVERSE EFFECTS: No information available.

SECTION: 13 DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods: Dispose of in accordance with local and national regulations. Do not re-use empty containers
Waste disposal recommendations: Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION: 14 TRANSPORT INFORMATION

- In accordance with DOT / ADR / RID / ADNR / IMDG / ICAO / IATA
DOT GROUND: Consumer commodity ORM-D or Limited quantity
IATA: UN1950, Aerosols, Flammable, 2.1, LTD. QTY.
IMDG: UN1950, Aerosols, 2.1, STD, QTY.

SECTION: 15 REGULATORY INFORMATION

15.1 US Federal Regulations:

Zinc	(CAS No) 7440-66-6
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting 1.0% (dust or fume only)	
Toluene	(CAS No) 108-88-3
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting 1.0% (dust or fume only)	
Xylene	(CAS No) 1330-20-7
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting 1.0% (dust or fume only)	
Ethyl Benzene	(CAS No) 100-41-4
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting 0.1% (dust or fume only)	



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SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD: Yes

CHRONIC HEALTH HAZARD: Yes

FIRE HAZARD: Yes

SUDDEN RELEASE OF PRESSURE HAZARD: Yes

REACTIVE HAZARD: No

Clean Water Act: This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40CFR 122.21 and 40 CFR 122.42): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR122.21 and 40 CFR 122.42).

Chemical Name	Cas No.	CWA Reportable Quantities	CWA Toxic Pollutants	CWA Priority Pollutants	CWA Hazardous Substances
Zinc	7440-66-6		x	x	
Toluene	108-88-3	1000 lb	x	x	x
Xylene	1330-20-7	100 lb			x
Butyl Acetate	123-86-4	5000 lb			x
Ethyl Benzene	100-41-4	1000 lb	x	x	x

CERCLA: This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Cas No.	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Zinc	7440-66-6	1000 lb		RQ 454 kg final RQ
Acetone	67-64-1	5000 lb		RQ 2270 kg final RQ
Toluene	108-88-3	1000 lb		RQ 454 kg final RQ
Xylene	1330-20-7	100 lb		RQ 45.4 kg final RQ
Butyl Acetate	123-86-4	5000 lb		RQ 2270 kg final RQ
Ethyl Benzene	100-41-4	1000 lb		RQ 454 kg final RQ



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15.2 US State Regulations:

Toluene (CAS No) 108-88-3				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. California - Proposition 65 - Reproductive Toxicity - Female	U.S. California - Proposition 65 - Reproductive Toxicity - Male	No Significance risk level (NSRL)
Yes	Yes	Yes	Yes	Yes
Ethyl Benzene (CAS No) 100-41-4				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. California - Proposition 65 - Reproductive Toxicity - Female	U.S. California - Proposition 65 - Reproductive Toxicity - Male	No Significance risk level (NSRL)
Yes	Yes	Yes	Yes	Yes

Zinc	(CAS No)	7440-66-6
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		
Acetone	(CAS No)	67-64-1
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		
Toluene	(CAS No)	108-88-3
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		
Xylene	(CAS No)	1330-20-7
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		
Butyl Acetate	(CAS No)	123-86-4
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		
Ethyl Benzene	(CAS No)	100-41-4
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List		

SECTION: 16

OTHER INFORMATION



NFPA health hazard: 2
 NFPA fire hazard: 4
 MFPA reactivity: 0

HMIS III Rating

Health: 2
 Flammability: 4
 Physical: 1

We believe that the information contained herein is believed to be true and accurate as of the date of this SOS. All statements or suggestions are made without any warranty, expressed or implied, regarding the accuracy of the information, the hazard connected with the use of this material or the results to be obtained for use thereof. As the condition or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. It is the user's obligation to determine the conditions of safe use of these products.

All chemical products can in fact present unknown risks to health, safety and / or the environment, even in relation to the different operating conditions, and they must therefore be used with care. For this reason we cannot guarantee that the risk described in this form are the only foreseeable risks. The user must therefore satisfy himself as to the particular conditions under which it is intended to be use in. Moreover, it must be noted that the user is obliged to comply with all the legislative, administrative and regulatory provisions regarding the product and its use in terms of occupational hygiene and safety, and environmental protection, apart from the information given in the form, given purely as guidance.

Technical Department



WARNING:

WARNING: This product can expose you to chemicals

Including Dichloromethane (Methylene chloride). Which is known to the State of California to cause cancer, Bisphenol A (BPA). Which is known to the State of California to cause birth defects or other reproductive harm? For more information go to www.p65Warnings.ca.gov

Supplemental Safety Guidance Documents

Please refer to the following supplemental safety guidance documents for additional information:

American National Standard, Safety in Welding, Cutting and Allied Processes Guidance (American National Standard Z49.1)

https://app.aws.org/technical/AWS_Z49.pdf?_ga=2.92930778.674520871.1541095810-1419732123.1541007130

American Welding Society, Safety and Health Fact Sheets (All topics)

<https://www.aws.org/standards/page/safety-health-fact-sheets>

American Welding Society, Safety and health fact sheet – Fumes and Gases

<https://www.aws.org/library/doclib/fs1-201410.pdf>

American Welding Society, Health effects from Welding Exposures

<https://www.aws.org/library/doclib/AWS-LiteratureUpdate-2016.pdf>

OSHA Technical Manual, Section III, Chapter 3, Ventilation Investigation

https://www.osha.gov/dts/osta/otm/otm_iii/otm_iii_3.html

