



**MATERIAL
SAFETY
DATA SHEET**

MATERIAL SAFETY DATA SHEET

Identification of the Substance/Preparation

Substance or preparation trade name: Parweld Galvanising Spray

Unique Reference Numbers

WR5040

Composition

Name	EC No.	CAS-No.	Content	Classification
1-Methoxy-2-Propanol	203-539-1	107-98-2	< 1%	R10
Acetone	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
Butane	203-448-7	106-97-8	10-30%	F+;R12
Isobutane	200-857-2	75-28-5	1-5%	F+;R12
Propane	200-827-9	74-98-6	10-30%	F+;R12
Solvent Naphtha (Petroleum), Light Arom	265-199-0	64742-95-6	1-5%	Xn;R65.N;R51/53. R10,R66,R67
Xylene	215-535-7	1330-20-7	10-30%	R10 Xn;R20/21 Xi;R38

Hazards Identification

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification Xi;R36. F+;R12. R52/53, R66, R67.

Physical and Chemical Hazards

Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

Human Health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

First Aid Measures

Skin Contact: May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye Contact: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Fire Fighting Measures

Extinguishing Media Water spray, foam, dry powder or carbon dioxide.

Special Fire Fighting Procedures Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

Unusual Fire & Explosion Hazards Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

Specific Hazards Pressurised container: Must not be exposed for temperatures above 50°C.

Accidental Release Measures

Personal Precautions

Ensure adequate ventilation of the working area.

Environmental Precautions

Do not allow product to enter drains. Prevent further spillage if safe.

Clean Up Methods

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow run off to sewer.

Handling and Storage

Handling

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

Storage

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Exposure Controls

Name	Std	STEL - 15 min	TWA - 8 hrs	Notes
1-Methoxy-2-Propanol	WEL	150 ppm (Sk) 375 mg/m ³ (Sk)	100 ppm (Sk) 560 mg/m ³ (Sk)	
ActONE	WEL	500 ppm 1210 mg/m ³	1500 ppm 3660 mg/m ³	
Butane Wel	600ppm	1450 mg/m ³	750ppm 1810 mg/m ³	
Isobutane		Asphyxiating	Asphyxiating	
Propane		Asphyxiating	Asphyxiating	
Solvent Naphtha (Petroleum), Light Arom	OES	25ppm 150mg/m ³ (Sk)		
Xylene WEL	50PPM (Sk)	220mg/m ³ (Sk)	100ppm(Sk) 441mg/m ³ (Sk)	

WEL = Workplace Exposure Limit.

Engineering Measures Ensure adequate ventilation of the working area.

Respiratory Equipment No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace

Exposure Limit In case of inadequate ventilation use suitable respirator.

Hand Protection For prolonged or repeated skin contact use suitable protective gloves.

Eye Protection In case of splashing, wear: Approved safety goggles.

Protective Equipment Wear protective clothing.

Physical and Chemical Properties

Appearance Aerosol

Colour Silver

ODOUR of Solvents

Solubility Insoluble in water

Flash Point (°C) -40 AUTO IGNITIONTEMPERATURE (°C)495

Flammability Limit – LOWER 0.8% FLAMMABILITY LIMIT – UPPER 13%

Stability and Reactivity

Stability Highly volatile.

Conditions To Avoid Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

Toxicological Information

Skin Contact Repeated exposure may cause skin dryness or cracking.

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Eye Contact Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

Route of Entry Inhalation. Skin absorption.

Target Organs Central nervous system. Respiratory system, lungs.

Medical Symptoms Narcotic effect. Vapours may cause drowsiness and dizziness.

Ecological Information

The product contains a substance which is harmful to aquatic organisms. Do not allow to enter drains, sewers or watercourses.

Disposal Considerations

General Information

Dispose of in compliance with all local and national regulations. Aerosol. Do not pierce or burn, even after use. Refer to manufacturer/supplier for information on recovery/recycling.

Disposal Methods

Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of Packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

Transport Information

UK ROAD CLASS	2		
Proper Shipping Name	AEROSOLS		
UN NO ROAD	UN1950	UK ROAD PACK GR.	N/A
ADR CLASS NO	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A	ADR LABEL NO. 2.1	
CEFIC TEC(R) NO.	20G5F	RID CLASS NO. 2	
RID PACK GROUP	N/A	UN NO. SEA	1950
IMDG CLASS	2	EMS	F-D, S-U
MARINE POLLUTANT	No	UN NO. AIR	1950
AIR CLASS	2	AIR SUB CLASS 2.1	
AIR PACK GR.	N/A		

Regulatory Information

Risk phrases	R12	Extremely flammable.
	R36	Irritating to eyes.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R66	Repeated exposure may cause skin dryness or cracking.
	R67	Vapours may cause drowsiness and dizziness.

Safety Phrases

- S2 Keep out of the reach of children
- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour/spray.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S51 Use only in well-ventilated areas.
- U2 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
- U3 Do not spray on a naked flame or any incandescent material.

Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Uk Regulatory References Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

Eu Directives Dangerous Preparations Directive 1999/45/EC.

Statutory Instruments Control of Substances Hazardous to Health.

Approved Code Of Practice Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.