

Material Safety Data



1. Identification of the Substance/Preparation and the Company/Undertaking

1.1. Product identifier

Substance or preparation trade name: Parweld Developer Spray
Unique reference numbers(s): WR7020

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Crack detection

1.3. Details of the supplier of the safety data sheet

Company/undertaking name & address: Parweld Ltd, Long Bank, Bewdley, Worcs, UK
ABN: 95 000 029 729
Telephone number: +00 44 1299 266800
Telefax: +00 44 1299 266900
Emergency telephone number: +00 44 1299 266800

1.4. Emergency telephone number

Emergency tel: +00 44 1299 266800 (office hours only)

2: Hazards identification

2.1. Classification of the substance or mixture

Considered a hazardous mixture according to Reg. (EC) No 1272/2008 and their amendments.
Classified as Dangerous Goods for transport purposes.

2.2. Label elements

Signal words: *Danger*

Hazard Pictograms



Hazard statement(s)

H222 *Extremely flammable aerosol.*
H229 *Pressurised container: May burst if heated.*
H319 *Causes serious eye irritation.*
H336 *May cause drowsiness or dizziness*

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance

3. Composition/information on ingredients

3.1. Hazardous ingredients

Chemical Name	Conc.(%w/w)	CAS	EINECS	Symbols/Risk phrases
Acetone		67-64-1	200-662-2	F; R11 Xi; R36 R66 R67
Ethanol		64-17-5	200-578-6	F; R11
Butane		106-97-8	203-448-7	F+;R12;

3.2

EC 1272/2008

Chemical Name	CAS	EINECS	Classification
Butane	106-97-8	203-448-7	Flam. Gas 1: H220
Acetone	67-64-1	200-662-2	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336
Ethanol	64-17-5	200-578-6	Flam. Liq. 2: H225;
Isobutane	75-28-5	200-857-2	Flam. Gas 1: H220;
Propane	74-98-6	200-827-9	Flam. Gas 1: H220;
DEVELOPER TALC	471-34-1		

4: First aid measures

4.1. Description of 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: Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Contact lenses should be removed. Wash with water.

Inhalation: Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Inhalation: There may be irritation of the throat

Delayed / immediate effects: Immediate effects can be expected after short-term exposure

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5: Fire-fighting measures

5.1. Extinguishing media

Carbon oxide. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back

Exposure hazards:

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. Handling and storage

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
----------	--

Material Safety Data



Storage

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store at temperatures below 40 °C. Avoid contact with: heat and Direct Sunlight. Heat will increase pressure in sealed containers. Keep out of the reach of children.

8. Exposure Controls

8.1 Exposure limits:-

Exposure limits

Acetone	WEL 8-hr limit ppm: 500 WEL 15 min limit ppm: 1500 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 1210 WEL 8-hr limit mg/m3 total respirable dust: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Butane	WEL 8-hr limit ppm: 600 WEL 15 min limit ppm: 750 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 1450 WEL 15 min limit mg/m3: 1810 WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:

8.2 Controls

Engineering measures
Hand protection
Eye protection
Respiratory protection
Protective equipment

Ensure adequate ventilation of the working area.
Chemical resistant gloves (PVC)
safety spectacles
Wear suitable respiratory equipment when necessary.
Wear chemical protective clothing.



Material Safety Data



9. Physical and chemical properties

Appearance: Physical form: Areosol.
Appearance: White.
Odour: Aromatic.

Important relevant safety parameters:

	Value
Flame point	-47oC
Solubility (20°C)	insoluble in water
Relative density	0.6
Flammability Limits	Extremely Flammable

10. Stability and reactivity

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions Oxidising agents.

10.4. Conditions to avoid Heat, sparks and open flames

11. Toxicological information

No data is available on this product..

12. Ecological information

No data is available on this product.

13 Disposal Considerations

General information	Dispose of in compliance with all local and national regulations.
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	Empty containers can be sent for disposal or recycling.

14. Transport information

Hazard Pictograms



Material Safety Data



Land transport (ADR)

14.1 UN Number UN1950

14.2 UN Proper Shipping Name AEROSOLS

14.3 Transport hazard Class(es)
Class 2.1, Subrisk Not applicable

14.4 Packing group- Not applicable

14.5 Environmental hazards
Not applicable

14.6 Special precautions for the user

Hazard identification:- Not applicable -
Classification code: 5F
Hazard Label 2.1
Special provisions 190 327 344 625
Limited quantity 1L
Tunnel Category 2(D)

Air transport (ICAO-IATA / DGR)

14.1 UN Number UN1950

14.2 UN Proper Shipping Name Aerosols, flammable

14.3 Transport hazard Class(es)
Class 2.1, Subrisk Not applicable, ERG code 10L

14.4 Packing group- Not applicable

14.5 Environmental hazards
Not applicable

14.6 Special precautions for the user

Special provisions A145 A167 A802; A1 A145 A167 A802
Cargo Only Packing Instructions 203
Cargo Only Maximum Qty / Pack 150kg
Passenger and Cargo Packing Instructions 203; Forbidden
Passenger and Cargo Maximum Qty / Pack 75 kg; Forbidden
Passenger and Cargo Limited Quantity Packing Instructions Y203; Forbidden
Passenger and Cargo Limited Maximum Qty / Pack 30 kg G; Forbidden

Material Safety Data



Sea transport (IMDG-Code / GGVSee)

14.1 UN Number UN1950

14.2 UN Proper Shipping Name Aerosols

14.3 Transport hazard Class(es)
Class 2.1, Subrisk Not applicable,

14.4 Packing group- Not applicable

14.5 Environmental hazards
Not applicable

14.6 Special precautions for the user

Special provisions 63 190 277 327 344 381 959
Limited Quantities 1000ml
EMS Number F-D , S-U

15. Regulatory information

The product is classified in accordance with 67/548/EEC.

Symbols F+ - Extremely flammable

Risk phrases:- R12 - Extremely flammable.

Safety phrases:- S16 - Keep away from sources of ignition - No smoking

16. Other Information

Revision This document differs from the previous version in the following areas:
9 - 9.1. Information on basic physical and chemical properties (Appearance).
9 - 9.1. Information on basic physical and chemical properties (Colour).
9 - 9.1. Information on basic physical and chemical properties (Odour).

Text of risk phrases in Section 3. R11 - Highly flammable.
R12 - Extremely flammable.
R36 - Irritating to eyes.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Further 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 Safety Data



material used in combination with any other materials or in any other process.