

**01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product trade name** Welding Protection Spray  
**Product code** 117000  
**Chemical family** Propellant with a mixture of emulsifying agent, additives and solvents.  
**Product use** Technical aerosols.  
**Manufacturer** Weicon GmbH & Co. KG  
Königsberger Straße 255,  
D-48157 Münster  
Telephone: +49 (0) 251 / 9322 - 0  
Telefax: +49 (0) 251 / 9322 - 244  
e-mail: [info@weicon.de](mailto:info@weicon.de)  
Internet : [www.weicon.de](http://www.weicon.de)

**Responsible for the safety data sheet:** [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

**Supplier** WEICON Inc.  
20 Steckle Place, Unit 20  
Kitchener, Ontario N2E 2C3  
Telephone: 519 896 5252  
Telefax: 519 896 5254  
e-mail: [info@weicon.ca](mailto:info@weicon.ca)

**Emergency advice** 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

**02 HAZARDS IDENTIFICATION**

**Emergency overview** DANGER: Extremely flammable. Contents under pressure.  
**Potential Health Effects** Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness.  
**Routes of entry** Skin and eye contact and inhalation  
**Carcinogenicity** NTP:No IARC:No OSHA:No  
**WHMIS Classification**

Class A, B5, D2B

**03 COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS#	% by wt.
Pentane	109-66-0	25 – 50
Isononylphenol ethoxylate	37205-87-1	2.5 – 10
Propane/butane-mixture	61641-74-5	20 - 50

**04 FIRST AID MEASURES**

<b>Skin</b>	Remove contaminated clothing immediately. In case of contact with skin wash off with soap and water. Consult a doctor if irritation persists.
<b>Eyes</b>	Wash eyes immediately with large amounts of water for about 15 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.
<b>Ingestion</b>	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
<b>Inhalation</b>	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.
<b>Physician's information</b>	The following symptoms may occur: Unconsciousness, anesthetic state, headache, confusion, dizziness.

**05 FIRE AND EXPLOSION DATA**

<b>Flashpoint</b>	-44 °C
<b>Extinguishing media</b>	Foam, dry powder, carbon dioxide, water spray jet
<b>Extinguishing media not to be used for safety reasons</b>	Full water jet
<b>Special hazards during fire fighting</b>	Danger of bursting. Fight fires from a safe distance due to explosion hazard.
<b>Hazardous combustion products</b>	Emits toxic fumes under fire conditions
<b>Special fire-fighting procedures</b>	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet.

**06 ACCIDENTAL RELEASE MEASURES**

<b>Spill and leak procedures</b>	Ensure adequate ventilation. Wear appropriate personal protective equipment. Keep away sources of ignition. Pick up using inert absorbents and place in suitable containers for disposal.
<b>Pollution control measures</b>	Do not allow untreated product into sewers, surface or ground water.

**07 HANDLING AND STORAGE**

<b>Handling</b>	Use only in well ventilated area with local exhaust ventilation. Keep away from heat and ignition sources. Do not smoke. Do not spray into flames or any burning material. Do not pierce or burn even after use. Vapors can form an explosive mixture with air. Heating may cause the container to burst violently.
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## 07 HANDLING AND STORAGE

### Storage

Keep container tightly closed and store in cool, dry place away from heat. Protect from sunlight and do not expose to temperatures exceeding 50 °C (=122 °F). Observe precautions for storage of compressed gas cylinders and flammable material storage.

## 08 EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS:

Component	CAS#	Exposure limits
Butane	106-97-8	1000 ppm, TWA ACGIH
Pentane	109-66-0	600 ppm, TWA ACGIH

### Skin protection

Use protective clothing to prevent skin contact. Wear fluorinated rubber gloves; 0.7 mm; 480 min.; 60 min.

### Eye protection

Use of safety glasses with side shields is recommended.

### Respiratory protection

Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.

### General Protection and Hygiene measures

Do not inhale aerosols. Do not eat, drink, smoke or take drugs when working. Wash hands/or face before taking breaks and at the end of work.

## 09 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Pressurized gas	<b>Physical form</b>	Aerosol
<b>Color</b>	clear	<b>Odor</b>	characteristic
<b>Boiling point</b>	36 °C		
<b>Flashpoint</b>	-44 °C		
<b>Auto-ignition</b>	285 °C		
<b>Lower explosion limit</b>	1.4 Vol.%		
<b>Upper explosion limit</b>	10.9 Vol.%		
<b>Vapor pressure</b>	8300 hPa at 20 °C		
<b>Density</b>	0.623 g/ml, 20 °C		
<b>Solubility in water</b>	insoluble		
<b>Solubility/other</b>	Grease = insoluble		
<b>Solvent concentration</b>	90 %		



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**09 PHYSICAL AND CHEMICAL PROPERTIES****Explosive properties**

The product is considered non-explosive; nevertheless explosive vapor/air mixtures can be generated.

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**10 STABILITY AND REACTIVITY****Chemical stability**

Stable, no decomposition occurs if used as directed.

**Hazardous decomposition products**

No hazardous decomposition products known.

**Polymerization**

None

**Incompatibilities**

Keep away from heat.

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**11 TOXICOLOGICAL INFORMATION****Acute oral LD50**

>2000 mg/kg, rat

**Skin irritation**

Non irritant

**Eye irritation**

Non irritant

**Skin sensitization**

Non sensitizing

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**12 ECOLOGICAL INFORMATION****Biological degradability**

Not determined

**Additional information**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not discharge product into the environment. Do not release into the aquatic environment.

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**13 DISPOSAL CONSIDERATIONS****Product disposal**

Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.

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**14 TRANSPORT INFORMATION****TDG / DOT shipping name**

AEROSOLS, flammable, Class 2.1, UN 1950

**Marine transport IMDG**

AEROSOLS, flammable, Class 2.1, UN 1950

**Air transport ICAO/IATA**

AEROSOLS, flammable, Class 2.1, UN 1950

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## 15 REGULATORY INFORMATION

**Note:** Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

**USA TSCA status**

All of the components are on the TSCA Inventory.

**Canadian DSL status**

All of the components are listed on the DSL Inventory.

**SARA Title III**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

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## 16 OTHER INFORMATION

**Further information**

Federal and local chemical regulations should be observed.

**WHMIS HAZCOM Label**

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.  
IRRITANT TO SKIN. HARMFUL BY INHALATION.

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To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.