

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Name of product Allround Sealing Spray
Code-Nr. 115550

1.2. Relevant identified uses of the substance or mixture and uses advised against**Recommended intended purpose(s)**

Technical Aerosols

1.3. Details of the supplier of the safety data sheet**Distributor**

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster
Phone : +49(0)251 / 9322 - 0, Fax : +49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone : +49(0)251 / 9322 - 0
Fax : +49(0)251 / 9322 - 244
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:
++44 1865 407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE, South
Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):
Tel: ++49 69 222 25285 (Deutsch, Englisch)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Aerosol 1	H222, H229
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H336
Asp. Tox. 1	
Aquatic Chronic 2	H411

Hazard Statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07



GHS09

Signal word

Danger

Hazard Statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
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.
P261	Avoid breathing vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
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 hazardous or special waste collection point.

Hazardous ingredients for labeling

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

2.3. Other hazards

In the case of insufficient ventilation and/or through the formation of a explosive/highly flammable mixture is possible.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**Allround Sealing Spray****SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

3.2. Mixtures**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
110-82-7	203-806-2	cyclohexane	2,5 - 10	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Skin Irrit. 2, H315 / STOT SE 3, H336 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
115-10-6	204-065-8	dimethylether	25 - 50	Flam. Gas 1, H220 / Press. Gas
141-78-6	205-500-4	ethyl-acetate	2,5 - 10	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
78-93-3	201-159-0	ethyl methyl ketone	2,5 - 10	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
64742-49-0	927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	25 - 50	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336
92128-66-0	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	< 2,5	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336
64742-49-0	920-750-0	Kohlenwasserstoffe, C7-C9, n-Alkane, Isoalkane, Cycloalkane	2,5 - 10	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / STOT SE 3, H336 /
64742-95-6	918-668-5	Hydrocarbons, C9, aromatics	< 2,5	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / STOT SE 3, H335 / STOT SE 3, H336 / Aquatic Acute 2, H411

REACH

CAS No	Name	REACH registration number
110-82-7	cyclohexane	01-2119463273-41
115-10-6	dimethylether	01-2119472128-37
141-78-6	ethyl-acetate	01-2119475103-46
78-93-3	ethyl methyl ketone	01-2119457290-43
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	01-2119475515-33
92128-66-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	01-2119475514-35-xxxx
64742-49-0	Kohlenwasserstoffe, C7-C9, n-Alkane, Isoalkane, Cycloalkane	01-2119473851-33
64742-95-6	Hydrocarbons, C9, aromatics	01-2119455851-35

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove moistened clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.



4.2. Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

Headache
skin irritation

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Carbon dioxide
water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Danger of bursting
In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.
Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered containers with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
Clean contaminated objects and floor thoroughly under consideration of environment regulations.
After taking up the material dispose according to regulation.

Additional Information

Sort out leaky cans and dispose according to regulations.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Do not spray into flames or any incandescent material.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Take measures against electrostatically charging.

General protective measures

Avoid contact with eyes and skin

Do not inhale aerosols

Ensure sufficient ventilation.

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Do not spray on a naked flame or any incandescent material.

The product is combustible.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

Do not use sparking tools.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in closed original container.

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Advice on storage compatibility

Do not store with acids, alkalies or combustible materials.

Keep at distance to ignition device, water and alkalies.

Do not store together with food.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Storage temperature may not exceed 40°C (=104°F).

Recommended storage temperature: room temperature.

7.3. Specific end use(s)**Recommendation(s) for intended use**

See section 1.2

! SECTION 8: Exposure controls/personal protection**8.1. Control parameters****! Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
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Ingredients with occupational exposure limits to be monitored (continued)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
78-93-3	Butan -2-one (methyl ethyl ketone)	8 hours	600	200	EH40/2005
		Short-term	899	300	
110-82-7	Cyclohexane	8 hours	350	1050	EH40/2005
		Short-term	1050	300	
115-10-6	Dimethyl ether	8 hours	766	400	EH40/2005
		Short-term	958	500	
141-78-6	Ethyl acetate	8 hours		200	EH40/2005
		Short-term		400	
115-10-6	Dimethylether (CH)	MAK, 8 hours	1910	1000	Formal
141-78-6	Ethylacetat (CH)	MAK, 8 hours	2800	800	OAW, Auge, Methode: INRS, NIOSH
		Short-term	1400	400	

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
110-82-7	cyclohexane	8 hours	700	200	
115-10-6	dimethylether	8 hours	1920	1000	
78-93-3	butanone	8 hours	600	200	
		Short-term	900	300	

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
110-82-7	cyclohexane	700 mg/m3	DNEL acute inhalative (systemic)	
		700 mg/m3	DNEL long-term inhalative (systemic)	
115-10-6	dimethylether	1894 mg/m3	DNEL long-term inhalative (systemic)	
141-78-6	ethyl-acetate	1468 mg/m3	DNEL acute inhalative (local)	
		63 mg/kg	DNEL long-term dermal (systemic)	
		734 mg/m3	DNEL long-term inhalative (local)	
		1468 mg/m3	DNEL acute inhalative (systemic)	
64742-49-0	Kohlenwasserstoffe, C7-C9, n-Alkane, Isoalkane, Cycloalkane	773 mg/kg bw/day	DNEL long-term dermal (systemic)	
		2035 mg/m3	DNEL long-term inhalative (systemic)	
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	300 mg/kg bw/day	DNEL long-term dermal (systemic)	
		2085 mg/m3	DNEL acute inhalative (systemic)	
64742-95-6	Hydrocarbons, C9, aromatics	103 mg/m3	DNEL long-term inhalative (systemic)	
		25 mg/kg	DNEL long-term dermal (systemic)	
78-93-3	ethyl methyl ketone	1161 mg/kg bw/day	DNEL long-term dermal (systemic)	
		600 mg/m3	DNEL long-term inhalative (systemic)	
92128-66-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	2035 mg/m3	DNEL long-term inhalative (systemic)	



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Allround Sealing Spray**DNEL-/PNEC-values (continued)**

CAS No	Substance name	Value	Code	Remark
		773 mg/kg bw/day	DNEL long-term dermal (systemic)	

DNEL Consumer

CAS No	Substance name	Value	Code	Remark
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	149 mg/kg bw/day	DNEL long-term oral (repeated)	
		447 mg/m3	DNEL long-term inhalative (systemic)	
		149 mg/kg bw/day	DNEL long-term dermal (systemic)	

PNEC

CAS No	Substance name	Value	Code	Remark
110-82-7	cyclohexane	3,24 mg/l	PNEC sewage treatment plant (STP)	
		0,207 mg/l	PNEC aquatic, intermittent release	
		3,627 mg/ kg dw	PNEC sediment, marine water	
141-78-6	ethyl-acetate	0,34 mg/kg	PNEC sediment, freshwater	
		0,024 mg/l	PNEC aquatic, marine water	
		0,24 mg/l	PNEC aquatic, freshwater	
		0,115 mg/kg	PNEC sediment, marine water	
78-93-3	ethyl methyl ketone	284,7 mg/ kg dw	PNEC sediment, marine water	
		709 mg/l	PNEC sewage treatment plant (STP)	
		55,8 mg/l	PNEC aquatic, intermittent release	

! Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls**Respiratory protection**

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, filter A

! Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Gloves (solvent-resistant)

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: NBR (Nitrile rubber) oder Butyl rubber, >=0,5 mm, >=60 min

Eye protection

tightly fitting goggles

Other protection measures

protective clothing

Appropriate engineering controls

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

**! SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

aerosol

Colour

various, depending on coloration

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not applicable				
Acid number					No information available.
boiling point	-25 °C				CAS: 115-10-6
Melting point / Freezing point	not determined				
Flash point	-41 °C				CAS: 115-10-6
Vapourisation rate	not applicable				
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	235 °C				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	0,9 Vol-%				
Upper explosion limit	32 Vol-%				Dimethylether
Vapour pressure	5200 hPa	20 °C			
Relative density	0,958 g/cm ³				active agent
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Viscosity kinematic	not determined				

**Allround Sealing Spray**

	Value	Temperature	at	Method	Remark
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Solvent content

46 %

Oxidising properties

No information available.

Explosive properties

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

9.2. Other information

No information available.

! SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Because of the high vapour pressure, containers are liable to burst if temperature rises.

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4. Conditions to avoid

Keep away from heat.

Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Gases/vapours, toxic

Corrosive gases/vapours

Thermal decomposition

Remark No decomposition if used as directed.

! SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 8 ml/kg	rat		CAS: 64742-49-0
LD50 acute dermal	> 4 ml/kg	rat		CAS: 110-82-7
LC50 acute inhalation	1600 ppm ()	rat		CAS: 141-78-6
Skin irritation	irritant			



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	Value/Validation	Species	Method	Remark
Eye irritation	irritant			
Skin sensitization	non-sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity				No experimental in-vitro information available.
Reproduction-Toxicity				No indications of toxic effects were observed in reproduction studies in animals.
Carcinogenicity				No indications of carcinogenic effects are available from long-term trials.

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness.

! Experiences made from practice

Vapours may cause dizziness, headaches and tiredness

Sensitization through inhalation possible.

Sensitization through skin contact possible.

Irritates eyes and skin.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12: Ecological information**12.1. Toxicity****Ecotoxicological effects**

	Value	Species	Method	Validation
Fish	LC50 10 mg/l (24 h)	Carassius Auratus		CAS: 110-82-7
Daphnia	LL/EL/IL50 > 1 - 10 mg/l			CAS: 64742-49-0
Algae	EL0 2,9 mg/l (72 h)			Naphtha
Bacteria	LL/EL/IL50 > 10 - 100 mg/l			CAS: 64742-49-0

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability				No information available.
Degradability				not readily degradable

12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

**Allround Sealing Spray****12.4. Mobility in soil**

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects**General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

! SECTION 13: Disposal considerations**13.1. Waste treatment methods****! Waste code No.**

15 01 10*

16 05 04*

Name of waste

packaging containing residues of or contaminated by hazardous substances

gases in pressure containers (including halons) containing hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

The waste disposal has to be proved.

Recommendations for packaging

Dispose of according to the local waste regulations.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

General information

For proper waste disposal a complete emptying of the tin is necessary.

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)	2.1	2.1	2.1
14.4. Packing group	-	-	-
14.5. Environmental hazards	Yes	Yes	Yes

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable



Land and inland navigation transport ADR/RID

Hazard label(s) 2.1

tunnel restriction code D

Classification code 5F

transport in "limited quantities" according to 3.4 ADR is possible

Transport/further information

Marine pollutant: NO

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC standard

VOC content 76 %

VOC value 634 g/L

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.1

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.