



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

Anti-Seize AS 200 PR, spray can (GB)
Code-Nr. 261010

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
Postbox 84 60, DE-48045 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244
E-Mail : info@weicon.de
Internet : www.weicon.de

Advice

Abteilung Angebote, Verkauf, Export
Phone ++49(0)251 / 9322 - 0

Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)
Phone ++49(0)228-19 240

Recommended intended purpose(s)

Adhesives, sealants (PC1).

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

F+; R12

Xi; R36

N; R51/53

R-phrases

12 Extremely flammable.

36 Irritating to eyes.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives.

F+ Extremely flammable

Xi Irritant

N Dangerous for the environment

R-phrases

12 Extremely flammable.

36 Irritating to eyes.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

16 Keep away from sources of ignition - No smoking.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

57 Use appropriate container to avoid environmental contamination.

60 This material and its container must be disposed of as hazardous waste.

**Special rules for supplemental label elements for certain mixtures**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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

Without sufficient ventilation the formation of explosive vapour/air mixtures cannot be excluded. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Information pertaining to special dangers for human and environment

Risk of bursting if heated up. In closed containers rises the internal pressure.

In the outer chamber are highly a flammable propellant (propane, butane).

3. Composition/information on ingredients**Description**

Preparation of inorganic thickener in synthetic oil with additives.

Two-Chamber-Can:

Inner chamber (pure raw material):

Outer chamber:

Propane/butane propellant.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
106-97-8	203-448-7	butane	< 2	F+ R12
7440-50-8	231-159-6	copper	< 5	R10
7620-77-1	231-536-5	Lithium 12-hydroxystearate	< 5	Xi 36/38
7429-90-5		aluminium powder (stabilised)	< 5	F,R11-15
1314-13-2	215-222-5	zinc oxide	< 5	N R50-53
74-98-6	200-827-9	propane	< 2	F+ R12
1305-62-0	215-137-3	calcium dihydroxide	< 10	Xi R 38-41

4. First aid measures**In case of inhalation**

Ensure of fresh air.

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.

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.

If swallowed seek medical advice immediately and show the doctor packing or label.

5. Firefighting measures**Suitable extinguishing media**

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

Special hazards arising from the substance or mixture

Metal oxides

Fire gas of organic material has to be classed invariably as respiratory poison.

In the event of fire the following can be released:



Nitrogen oxides (NOx)
Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered containers with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Keep away sources of ignition.
Pay attention to extension of gas especially at ground (heavier than air) and in direction of the wind.
High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

After taking up the material dispose according to regulation.

7. Handling and storage

Advice on safe handling

Do not spray into flames or any incandescent material.
Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

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 together with oxidizing agents.

Further information on storage conditions

Protect from direct solar radiation.
Protect from heat/overheating.
Recommended storage temperature: room temperature.

8. Exposure controls/personal protection

Additional advice on system design

Sufficient ventilation and exhaustion.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
7429-90-5	Aluminium metal: inhalable dust	8 hours	10		EH40/2005
7429-90-5	Aluminium metal: respirable dust	8 hours	4		EH40/2005
1305-62-0	Calcium hydroxide	8 hours	5		EH40/2005
7440-50-8	Copper: fume	8 hours	0.2		EH40/2005
		Short-term	2		
7440-50-8	Copper: dusts and mists (as Cu)	8 hours	1		EH40/2005



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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Revision 10.02.2011 (GB) Version 6.0

Anti-Seize AS 200 PR, spray can (GB)

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
1305-62-0	calcium dihydroxide	8 hours	5		

Additional advice

Die nationalen und lokalen gesetzlichen Vorschriften sind zu beachten.

Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

Hand protection

Angaben zum Handschuhmaterial [Art/Typ, Dicke, Durchdringungszeit/Tragedauer, Benetzungsstärke]:

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Eye protection

safety goggles with side protection

Skin protection

Light protective clothing, antistatic

General protective measures

Do not inhale aerosols

Avoid contact with the eyes.

Hygiene measures

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

9. Physical and chemical properties

Form	Colour	Odour
pasty	grey	like mineral oil

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	< 0 °C				
Flammability (gas)					not determined
Ignition temperature					not determined
Lower explosion limit					not determined
Upper explosion limit					not determined
Vapour pressure	5,5 hPa	20 °C			
Density	1,2 g/cm3	20 °C		DIN 51757	active agent
Solubility in water					insoluble

Explosive properties

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



10. Stability and reactivity

Conditions to avoid

Keep away from heat.

Materials to avoid

Reactions with oxygen.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO_x)

Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral				not determined
LD50 acute dermal				not determined
LC50 acute inhalation				not determined
Irritability skin				not determined
Irritability eye				not determined
Skin sensitization				not determined

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. Ecological information

General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Waste code No.

12 01 12*

16 05 04*

Name of waste

spent waxes and fats

gases in pressure containers (including halons) containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

General information

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



14. Transport information

Land and inland navigation transport ADR/RID

UN 1950 AEROSOLS, 2.1, (D), Classification code: 5F

Marine transport IMDG

UN 1950 AEROSOLS (zinc oxide), 2.1, MARINE POLLUTANT

Air transport ICAO/IATA-DGR

UN 1950 Aerosols, flammable, 2.1

Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

15. Regulatory information

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

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.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 10 Flammable.

R 11 Highly flammable.

R 12 Extremely flammable.

R 15 Contact with water liberates extremely flammable gases.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.