

Weicon GmbH

Revision date: 15.11.2009

Revision no.:

1,00

Anti-Seize AS "Standard" Assembly Paste

7619-0057

**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

Anti-Seize AS "Standard" Assembly Paste

**Further trade names**

26000

**Use of the substance/preparation**

Protection against corrosion / Lubricant

**Company/undertaking identification****Manufacturer**

Weicon GmbH

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**Supplier**

WEICON Inc.

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**2. Hazards identification****Classification**

Indications of danger : Irritant, Dangerous for the environment

R-phrases:

Irritating to eyes.

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

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

Mixture of metals and inorganic compounds

Synthetic oil with additives.

**Hazardous components**

CAS-No.	Chemical name	Quantity
1305-62-0	Calcium dihydroxide	<10 %
1314-13-2	zinc oxide	2.5 - 5 %
7440-50-8	Copper	2.5 - 5 %
7429-90-5	Aluminium	1 - 2.5 %

**4. First aid measures****General information**

Remove contaminated soaked clothing immediately.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

**After contact with skin**

Wash off immediately with soap and plenty of water.

Consult a doctor if skin irritation persists.

**After contact with eyes**

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

Seek medical treatment by eye specialist.

**After ingestion**

Do not induce vomiting.

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

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**5. Fire-fighting measures**

**Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

**Extinguishing media which must not be used for safety reasons**

Full water jet

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**Special protective equipment for fire-fighters**

A self contained breathing apparatus should be worn in fire conditions.

**Additional information**

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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**6. Accidental release measures**

**Personal precautions**

Use personal protective clothing.

**Environmental precautions**

Clean contaminated surface thoroughly.

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

**Methods for cleaning up/taking up**

Take up with absorbent material.

Shovel into suitable container for disposal.

**Additional information**

High risk of slipping due to leakage/spillage of product.

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**7. Handling and storage**

**Handling**

**Advice on safe handling**

Keep container tightly closed.

Avoid contact with skin, eyes and clothing.

When using, do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Take the usual precautions when handling with chemicals.

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**Storage****Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Do not store together with oxidizing agents.

Recommended storage temperature: room temperature.

**Advice on storage compatibility**

Incompatible with: Oxidizing agents

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

Recommended storage temperature: room temperature.

Storageclass (VCI): 13

**8. Exposure controls/personal protection****Exposure limit values****Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Do not inhale gases/vapours/aerosols.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

**Respiratory protection**

No personal respiratory protective equipment normally required.

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

**Hand protection**

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove &lt;Camatril Velours 730&gt; made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Tightly fitting goggles

**Skin protection**

Protective clothing

**9. Physical and chemical properties****General information**

Physical state:	Pasty
Colour:	Grey
Odour:	Perceptible

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point:	>160 °C	ISO 2592
Density (at 20 °C):	1,2 g/cm <sup>3</sup>	DIN 51757

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Water solubility:  
(at 20 °C)

Insoluble

## 10. Stability and reactivity

### Conditions to avoid

To avoid thermal decomposition, do not overheat.

### Materials to avoid

Reactions with oxygen.

Reactions with strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### Additional information

No decomposition if stored and applied as directed.

## 11. Toxicological information

### Corrosive and irritant effects

Skin irritation : Non-irritant

Eye irritation : Irritant

### Sensitizing effects

Skin sensitization, remark : Non-sensitizing

### Empirical data on effects on humans

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

## 12. Ecological information

### Persistence and degradability

Slightly degradable

### Further information

Do not discharge product unmonitored into the environment.

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

## 13. Disposal considerations

### Advice on disposal

Where possible recycling is preferred to disposal.

Remove in accordance with local official regulations. If recycling is not practicable, dispose of in compliance with local regulations.

### Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packagings are to be treated like the product itself.

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

## 14. Transport information

### Canadian TDG

#### Proper shipping name

Environmentally hazardous substance, solid, n.o.s. (Zinc oxide )

UN/ID number: UN3077

Hazard classes: 9

Packing group: III

Hazard label: 9

#### Land transport (ADR/RID)

UN number: 3077

**Safety Data Sheet according to WHMIS**



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ADR/RID class:	9
Classification Code:	M7
Warning plate	
Hazard-no.:	90
Hazard label:	9



ADR/RID packing group:	III
Limited quantity:	LQ27

**Description of the goods**

Environmentally hazardous substance, solid, n.o.s. (Zinc oxide )

**Other applicable information (land transport)**

Transport category:: 3

Tunnel restriction code:: E

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L.

**Marine transport**

UN number:	3077
IMDG code:	9
IMDG packing group:	III

**Description of the goods**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc oxide )

**Other applicable information (marine transport)**

Additional label with symbol "fish and tree" according to subsection 5.2.1. IMDG Code for single packagings and inner packagings with > 5 kg or 5 L.

**Air transport**

UN/ID number:	3077
ICAO/IATA-DGR:	9
Hazard label:	9



ICAO packing group:	III
IATA-packing instructions - Passenger:	911
IATA-packing instructions - Cargo:	911

**Description of the goods**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc oxide )

**Other applicable information (air transport)**

Additional label with symbol "fish and tree" according to subsection 7.1.6.3. IATA/DGR for single packagings and inner packagings with > 5 kg or 5 L.

**15. Regulatory information**

**Canadian regulations**

**DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

**WHMIS classification**

WHMIS: D2B

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

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## 16. Other information

### Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*