



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Revision date: Aug/5/2016

Version: 2

Language: en-US

Date of print: Aug/11/2016

Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page: 1 of 8

1. Product and company identification

Product identifier

Trade name: Anti-Seize ASW "High-Tech" Assembly Paste

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

General use: Corrosion protection agent, lubricant.
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name: WEICON Inc.
Street/POB-No.: 20 Steckle Place, Unit 20
Postal Code, city: Kitchener, Ontario N2E 2C3, CA
WWW: www.weicon.ca
E-mail: info@weicon.ca
Telephone: +1-519-896-5252
Telefax: +1-519-896-5254
Dept. responsible for information:
Product-Safety-Department
Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

Emergency phone number

EMERGENCY CONTACT – USA (24h): Tel: ++1 202 464 2554

Transport:

TRANSPORT EMERGENCY CONTACT - USA (24h): Tel: ++1 202 464 2554

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Form: pasty
Color: white
Odor: slightly perceptible
Classification: Skin Irritation - Category 2; Eye Damage - Category 1;
Specific Target Organ Toxicity (Single Exposure) - Category 3;

Hazard symbols:



Signal word:

Danger

Hazard statements:

Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page: 2 of 8

Precautionary statements: Keep out of reach of children.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash hands and face thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection.
 IF ON SKIN: Wash with plenty of water/soap.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER/doctor.
 Specific treatment (see ' First aid ' on this label).
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.
 Dispose of contents/container to hazardous or special waste collection point.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

Special danger of slipping by leaking/spilling product.
 Calcium hydroxide reacts with water forming an alkaline solution.
 see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Mixture of inorganic thickener in mineral oil with additives.

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 1305-62-0	Calcium hydroxide	10 - 25 %	Skin Irritation - Category 2. Eye Damage - Category 1. Specific Target Organ Toxicity (Single Exposure) - Category 3.

4. First aid measures

General information: Take off contaminated clothing and wash it before reuse.

In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical treatment in case of troubles.

Following skin contact: After contact with skin, wash immediately with soap and plenty of water. Seek medical attention if irritation persists.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Seek the attention of an ophthalmologist immediately.

After swallowing: Do not induce vomiting. Rinse mouth with water. Let water be swallowed in little sips. Never give anything by mouth to an unconscious person. Seek medical attention.

Most important symptoms/effects, acute and delayed

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Skin sensitisation. Mucous membrane irritation.



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page:

3 of 8

Information to physician

Symptoms of poisoning can only emerge after several hours; medical supervision is therefore essential for at least 48 hours.
Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

(Base oil) > 392 °F (ISO 2592)

Auto-ignition temperature: not determined

Suitable extinguishing media:

Water fog, carbon dioxide, foam, dry chemical powder.

Extinguishing media which must not be used for safety reasons:

High power water jet.

Specific hazards arising from the chemical

Hazardous vapors may form during fires.

In case of fire may be liberated: Sulphur oxides, hydrogen sulfide, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Do not inhale explosion and combustion gases.

6. Accidental release measures

Personal precautions: Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin and eyes.

Do not breathe fume/gas/mist/vapors/spray.

Wear appropriate protective equipment.

Wear respiratory protection when in the presence of vapor, dust, and aerosols.

Keep unprotected people away.

Keep away from sources of ignition - No smoking.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up: Small quantities: Dilute with lots of water and flush away. Larger quantities: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, universal binding agents).

Dispose of in accordance with the regulations.

Additional information: Special danger of slipping by leaking/spilling product.

7. Handling and storage

Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Avoid the formation of aerosol/vapors.

Avoid contact with skin and eyes.

Do not breathe fume/gas/mist/vapors/spray.

Wear appropriate protective equipment.

Handle and open container with care.

When using do not eat, drink or smoke. Keep unprotected people away. Work place should be equipped with a shower and an eye rinsing apparatus.

Precautions against fire and explosion:

Usual measures for fire prevention.

Keep away from sources of ignition - No smoking.



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page:

4 of 8

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.
Protect from moisture contamination. Protect from frost, heat and sunlight.
Recommended storage temperature: room temperature. Keep only in original packaging.

Hints on joint storage:

Do not store together with acids or oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
1305-62-0	Calcium hydroxide	USA: ACGIH: TWA	5 mg/m ³
		USA: NIOSH: TWA	5 mg/m ³
		USA: OSHA: TWA	15 mg/m ³ inhalable fraction
		USA: OSHA: TWA	5 mg/m ³ (respirable fraction)

Engineering controls

Provide adequate ventilation, and local exhaust as needed.
See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010

Skin protection: Wear suitable protective clothing.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: Nitrile rubber
Layer thickness: 0.4 mm
Breakthrough time: > 480 min
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General hygiene considerations:

Take off contaminated clothing and wash it before reuse. Avoid contact with the substance.
Wash hands before breaks and after work.
When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Work place should be equipped with a shower and an eye rinsing apparatus. Keep unprotected people away.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Form: paste
Color: white



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Revision date: Aug/5/2016

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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page:

5 of 8

Odor:	slightly perceptible
Odor threshold:	not determined
pH value:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point/flash point range:	(Base oil) > 392 °F (ISO 2592)
Evaporation rate:	No data available
Flammability:	not determined
Explosion limits:	LEL (Lower Explosion Limit): not determined UEL (Upper Explosive Limit): not determined
Vapor pressure:	not determined
Vapor density:	not determined
Density:	1.4 g/mL
Solubility:	not determined
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Thermal decomposition:	No data available
Viscosity, dynamic:	not determined
Viscosity, kinematic:	not determined
Ignition temperature:	not determined

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with oxidizing agents and acids. Calcium hydroxide reacts with water forming an alkaline solution.
Conditions to avoid:	Protect from moisture contamination. Keep away from heat sources, sparks and open flames. Protect against direct sunlight. Protect from moisture contamination.
Incompatible materials:	Oxidizing agents, acids.
Hazardous decomposition products:	Hazardous vapors may form during fires. In case of fire may be liberated: Sulphur oxides, hydrogen sulfide, carbon monoxide and carbon dioxide.
Thermal decomposition:	No data available



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page:

6 of 8

11. Toxicological information

Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.
Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Skin Irritation - Category 2 = Causes skin irritation.
Information about Calcium hydroxide:
Specific symptoms in animal studies (Rabbit): irritant (OECD 404)
Eye damage/irritation: Eye Damage - Category 1 = Causes serious eye damage.
Information about Calcium hydroxide:
Specific symptoms in animal studies (Rabbit): irritant (OECD 405).
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause respiratory irritation.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Other information: Further hazardous properties cannot be excluded.

Symptoms

After contact with skin:
Redness, pain, dry skin. May cause sensitisation especially in sensitive humans.
After eye contact: Burns. Risk of serious damage to eyes. Danger of loss of sight!

12. Ecological information

Ecotoxicity

Aquatic toxicity: Harmful effects on water organisms by modification of pH-value.
Forms corrosive mixtures with water even if diluted.

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

Volatile organic compounds (VOC):

0 % by weight

General information: Do not allow to enter into ground-water, surface water or drains.



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page: 7 of 8

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation. Dispose of as hazardous waste.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

14. Transport information

USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - U.S. Federal Regulations

Calcium hydroxide: TSCA Inventory: listed
TSCA HPVC: not listed
NIOSH Recommendations:
Occupational Health Guideline:
0092

National regulations - Great Britain

Hazchem-Code: -

16. Other information

Text for labeling: Contains 10 - 25 % Calcium hydroxide. Safety data sheet available on request.

Hazard rating systems: NFPA Hazard Rating:

Health: 3 (Serious)

Fire: 1 (Slight)

Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 3 (Serious)

Flammability: 1 (Slight)

Physical Hazard: 1 (Slight)

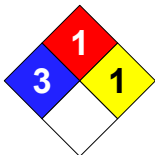
Personal Protection: X = Consult your supervisor

Reason of change: Changes in section 1: General revision

Date of first version: Nov/25/2015

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information



HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	1
	X



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Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

Page: 8 of 8

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.