



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 6/Apr/2018

Version: 4

Language: en-CA,US

Date of print: 24/Apr/2018

Anti-Seize ASW "High-Tech" Assembly Paste

Material number 261000

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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 – Canada (24h): Tel: +1 866 928 0789 (Toll free)

Transport:

TRANSPORT EMERGENCY CONTACT - Canada (24h): Tel: +1 866 928 0789 (Toll free)

2. Hazards identification

Emergency overview

Appearance: Form: pasty
Color: white
Odor: slightly perceptible
Classification: Skin Irritation 2; Eye Damage 1;
Hazard symbols:



Signal word: **Danger**
Hazard statements: Causes skin irritation.
Causes serious eye damage.

Precautionary statements: Wash hands and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water/soap.
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.
Take off contaminated clothing.

Regulatory status

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



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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 characterisation: Mixture of the substance mentioned below with non-hazardous additions:

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 1305-62-0	Calcium hydroxide	10 - 20 %	Skin Irritation 2. Eye Damage 1. Specific Target Organ Toxicity (Single Exposure) 3.

4. First aid measures

General information:	First aider: Pay attention to self-protection! If medical advice is needed, have product container or label at hand.
In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately get medical attention.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
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 and effects, both acute and delayed

Causes skin irritation. Causes serious eye damage. Mucous membrane irritation.

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) > 200 °C (ISO 2592)

Auto-ignition temperature: not self-igniting

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet.

Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.
Furthermore, there may develop: Sulphur oxides, hydrogen sulfide, carbon monoxide and carbon dioxide.



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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.

Additional information:

Cool exposed containers with water spray.
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Do not allow water used to extinguish fire to enter drains, ground or waterways.
Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions:

Do not breathe vapor/aerosol/fog. Avoid contact with the substance.
If possible, eliminate leakage. Provide adequate ventilation.
Wear appropriate protective equipment. Keep unprotected people away. Take off immediately all contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.
If necessary notify appropriate authorities.

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. Do not breathe vapor/aerosol/fog. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse.
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.

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 container.

Hints on joint storage:

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



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8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
1305-62-0	Calcium hydroxide	Canada, Alberta: OEL 8 hour	5 mg/m ³
		Canada, BC: OEL TWA	5 mg/m ³
		Canada, Québec: VEMP	5 mg/m ³
		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 good ventilation and/or an exhaust system in the work area.
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.
When vapors form, use respiratory protection.
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:
Do not breathe vapor/aerosol/fog. Do not get in eyes, on skin, or on clothing.
Take off immediately all contaminated clothing and wash it before reuse.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
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:	Form: pasty Color: white
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) > 200 °C (ISO 2592)
Evaporation rate:	No data available
Flammability:	not determined



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Explosion limits:	LEL (Lower Explosion Limit): not determined UEL (Upper Explosive Limit): not determined
Vapor pressure:	not determined
Vapor density:	not determined
Density:	at 20 °C: approx. 1.3 g/mL
Solubility:	not determined
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	not applicable
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	Sulphur oxides, hydrogen sulfide, carbon monoxide and carbon dioxide.
Viscosity, dynamic:	not applicable
Viscosity, kinematic:	not applicable
Explosive properties:	not determined
Ignition temperature:	approx. > 200 °C

10. Stability and reactivity

Reactivity:	Refer to subsection "Possibility of hazardous reactions".
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with strong oxidizing agents and strong 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.
Incompatible materials:	Strong oxidizing agents, strong acids.
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.
Thermal decomposition:	Sulphur oxides, hydrogen sulfide, carbon monoxide and carbon dioxide.



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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): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Skin Irritation 2 = Causes skin irritation.

Serious eye damage/irritation: Eye Damage 1 = Causes serious eye damage.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

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!

General remarks

Further hazardous properties cannot be excluded.

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

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

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation. Dispose of as hazardous waste.
Do not dispose of with household waste.



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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

Canada: Transportation of Dangerous Goods (TDG)

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 - Canada

No data available

National regulations - U.S. Federal Regulations

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

National regulations - EC member states

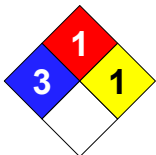
Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3

16. Other information

Text for labeling: Contains 10 - 20 % 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

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	1
	X

Reason of change:

Changes in section 2: Labeling
Changes in section 9: Physical and chemical properties
General revision

Date of first version:

25/Nov/2015



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Department issuing data sheet

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

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.