



Safety Data Sheet

HydroLoc WS

Silicone Sealer

Revised: Jan. 10, 2014

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: HydroLoc WS
Chemical Family: Silicone Sealer
Chemical Formula: Mixture
CAS Number: Mixture
DOT Shipping Name:
DOT Shipping Number:
DOT Identification Number: Unclassified

Manufacturer: GMX, Inc.
2034-C Van Buren Ave
Indian Trail NC 28079

Transportation Emergencies
CHEMTREC (800) 424-9300
Main Switch Board: (704) 334-8222

Section 2 - Composition / Information on Ingredients

Components	CAS Number	% Vol (approx)	ACGIH TLV- TWA
Octyl triethoxy silane	35435-21-3	5.0 - 10.0%	N/A
other-othyltriethoxysilanes		< 1%	N/A
Ethanol	64-17-5	varies	N/A
alpha-iso-tridecyl-omega-hydroxy polyglycolether	9043-30-5	< 1%	N/A

Section 3 - Hazards Identification

HMIS Health: 1 Flamability: 1 Reactivity: 1 PPE: H

Primary Entry Routes: Eyes, Skin, Inhalation

Acute Effects:

Inhalation: No known respiratory hazards. In case of aerosol formation: If inhaled at high concentrations lung damage is possible.

Eyes: May cause eye irritation

Skin: May cause skin irritation

Ingestion: No known ingestion hazards.

Additional Information on acute health effects: The health hazard evaluation is based on test results and/or on known properties of ingredients. This material releases methanol, upon hydrolysis. According to literature methanol (CAS-No. 67-56-1) irritates mucous membranes, has skin drying and narcotic effects up to coma or death. Absorbtion by the skin is possible. Possibility of damage to heart, kidneys, liver and optic nerves (blindness) over a period of time. This material releases ethanol upon hydrolysis. Ethanol (CAS-No. 64-17-5) is an irritant to the eyes and mucous membranes. Overexposure has been shown to cause central nervous system depression. Direct contact with the eyes will cause burning and stinging. Ingestion is not expected during industrial use.

Medical Conditions Aggravated by Long-Term Exposure: Methanol may aggravate existing liver and/ or kidney disease.

Carcinogens/ Reproductive toxins: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels.

Chronic Effects: Contains chemical(s) present at < 1% which may cause: skin sensitization. See "Acute Effects".

Section 4- First Aid Measures

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Eyes: Immediately flush with plenty of water for at least 15 minutes while holding eyelids open, then get prompt medical attention.

Skin: For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water and get prompt medical attention.

Ingestion: If material is swallowed, do not induce vomiting. Drink a large volume of water and get immediate medical attention.

Section 5- Fire Fighting Measures

Boiling Point/ range: 100° C (212° F)

Flash Point: >100° C (212° F)

Autoignition Temperature: 395° C (743° F)

Flammable Limits (% by volume in air): Lower: NA Upper: NA

Extinguishing Media: Carbon Dioxide, dry sand, dry chemical or foam type extinguishing media. Water may be used to cool tanks and structures adjacent to the fire.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Hazardous combustion products: carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde, incompletely burnt hydrocarbons.

Special Fire Fighting Procedures: Fire fighters should wear full protective clothing including as self-contained breathing apparatus. Cool endangered containers with water.

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Hydrolyzes on contact with moisture releasing ignitable vapors.

NFPA Hazard Class (comb./flam. Liquid): IIIA

Section 6- Accidental Release Measures

Precautions: Wear personal protection equipment (see section 8). Avoid contact with eyes and skin. Do not inhale gases/ vapors/ aerosols. If material is released indicate risk of slipping.

HAZWOPER PPE Level: D

Containment: Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/ extinguishing water. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800)424-8802.

Large Spills: Stop spill at source, if possible. Dike far ahead of liquid spill for later disposal. Do not allow material to escape into sewer, ground water, drainage ditches, or surface waters.

Methods for Cleaning up: Take up mechanically and dispose of according to local/state federal regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/ state/ federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/ soap solution or another biodegradable cleaner.

Section 7- Exposure Controls/ Personal Protection

Respiratory Protection: Respiratory protection is not normally required. If spraying or other operations which generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended. A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi- gas/ vapor cartridges and at least p-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur.

Ventilation: Use with adequate ventilation.

Skin Protection: Avoid skin contact with material by wearing impervious gloves and protective clothing.

Eye Protection: Safety glasses with side shields should be worn as minimum protection. Wear chemical safety goggles to prevent eye contact with materials.

Hygiene: It is recommended that workers wash their hands before eating, drinking, smoking, and using toilet facilities. Laundering clothes between uses is recommended. Clean skin with soap and water, or an oil-dissolving skin cleaner. Do not use solvents or thinners to remove material from the skin.

Other Control Measures: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities readily available in work area. Additional skin protection, such as SARANEX coated Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur.

Section 8- Storage and Handling Precautions

Handling Precautions: Follow protective controls set forth in Section 7 of this MSDS when handling this product. Ensure adequate ventilation. Spilled substance increases risk of slipping. Observe the general rules for fire prevention. Product can separate ethanol and methanol.

Storage Requirements: Protect against frost and do not allow material to freeze. Keep container tightly closed. Protect against sun. The maximum temperature allowed during storage and transportation is 30° C (100° F)

Section 9- Physical and Chemical Properties

Physical State: Liquid
Appearance and Odor: White liquid with a mild odor.
Boiling Point: 212° F
Vapor Pressure: 23 hPa at 68° F
Vapor Density (Air=1): 0.95 g/cm³ at 68° F
pH: approx. 8
Water Solubility: completely miscible

Section 10- Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Hazardous Decomposition Products: Ethanol, Methanol

Materials and Conditions to Avoid: None known

Section 11- Toxicological Information

General Information: Toxicological testing has not been conducted with this material.

Toxicological data:

Additional Information/ remarks: Oral toxicity : Ingestion of methanol or methanol releasing compounds may result

Chronic Effects: Prolonged and repeated skin contact may cause dermatitis, photosensitization, and melanosis. Evidence from animal studies suggest that asphalt left on the skin for long periods of time may result in local carcinomas, but there have been no reports of such effects on humans skin that can be attributed to asphalt alone.

Section 12- Ecological Information

Ecotoxicity: Classification based on ingredients: Harmful to aquatic organisms. May have long-term damaging effects in in-shore waters.

Biodegradation/ further information: The products of hydrolysis are readily biodegradable.

Environmental Transport: No data.

Soil Absorption/Mobility: No data

Section 13- Disposal Considerations

Disposal: Contact the RCRA/Superfund Hotline at (800) 424-9346 or your regional US EPA office for guidance concerning case specific disposal issues. Follow applicable Federal, state, and local regulations.

Product Disposal Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/ state/ federal regulations.

Packaging disposal Recommendations: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/ state/ federal regulations.

Section 14- Transport Information

DOT Transportation Data (49 CFR 172.01):

Shipping Name: HydroLoc WS

Shipping Symbols: NA

Hazard Class: NA

ID No.: NA

Packing Group: NA

Label: NA

Packaging Authorizations

a) Exceptions: NA

b) Non-bulk Packaging: NA

c) Bulk Packaging: NA

Quantity Limitations:

a) Passenger, Aircraft, or Railcar: NA

b) Cargo Aircraft Only: NA

Vessel Stowage Requirement

Special Provisions (172.102): NA

a) Vessel Stowage: NA

b) Other: NA

Section 15- Regulatory Information

EPA Regulations:

RCRA

RCRA hazardous waste number: Not listed

RCRA hazardous waste classification (40CFR 261): This material should not be hazardous due to characteristics

CERCLA

CERCLA: Not listed

CERCLA: Reportable Quantity (RQ): This material is not a hazardous substance and does not have a reportable quantity.

SARA

SARA 311/312 Codes: Fire hazard

SARA Toxic Chemical: Not listed- This material does not contain any SARA extremely hazardous substances.

SARA EHS (Extremely Hazardous Substance) (40CFR355): Not listed

HAPS 67-56-1 Methanol

TSCA

TSCA: All components are listed in the TSCA inventory.

OSHA Regulations:

Air Contaminant (29CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance: No

U.S. State Regulations

California Proposition 65 Carcinogens: This material does not contain any chemicals known to the state of California to cause cancer.

California Proposition 65 Reproductive Toxins: This material does not contain any chemicals known to the state of California to cause reproductive effects.

Massachusetts Substance List: This material contains no listed components.

New Jersey Right-to-Know Hazardous Substance List: This material contains no listed components.

Pennsylvania Right-to-Know Hazardous Substance List: This material contains no listed components.

Section 16- Other Information

Revision Date: Jan. 10, 2014

Disclaimer: GMX, Inc. believes that the information contained on this Safety Data Sheet is accurate, but may not be fully adequate in every circumstance. The user should ensure that they have current data relevant for their purposes. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules, or insurance requirements. No warranty, express or implied, of merchantability, fitness for a particular purpose or otherwise is made.