Material Safety Data Sheet

XHG-202 METHYLHYDROGEN SILICONE FLUID

Section 1 - Chemical Product and Company Identification

MSDS Name: XHG-202 METHYLHYDROGEN SILICONE FLUID

Company Identification:

ZHEJIANG XINAN CHEMICAL INDUSTRIAL INDUSTRIAL GROUP CO.,LTD.

Add:NO.1 XINAN BUILDING, JIANGBING MIDDLE ROAD, JIANDE CITY, ZHEJIANG PROVINCE, P.R.CHINA

For information in China , call: 86 571 87215375

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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
63148-57-2	Methylhydrogen Silicone Fluid	99-100	unlisted

Section 3 - Hazards Identification

Potential Health Effects

Eye: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated. **Inhalation:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Get

medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire. Use dry chemical, carbon dioxide, or appropriate foam.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 1; Flammability: 1; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately. Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Take proper grounding and other measures to avoid the formation of flammable gas (hydrogen) due to decomposition. Keep container closed when not in use. Store in a tightly closed container under 30C. Store in cool, dry, well-ventilated area away from incompatible substances. Keep away from water, acid, akaline, alcohol, etc.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance: clear, colorless
Odor: faint odor

Viscosity: 15-25 mm2/s (25C) .
Vapor Pressure: < 0,1 hPa (20C)
Autoignition Temperature: 450C
Flash Point: 176C

Boiling Point: Not available.
Freezing/Melting Point: Not available.
Solubility in water: Insoluble.
Specific Gravity/Density: 1.0g/cm3

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials (acid, akaline, oxidizing agents, tin, precious metal such as platinum, thodium), excess heat and fire source.

Hazardous Decomposition Products: CO2, CO, SiO2. Formaldehyde, an irritating and toxic chemical, may form under tempearture above 150C. Hydrogen as an inflammable gas will form as a decomposed product.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Neurotoxicity: No information available.
Mutagenicity: No information available.
Other Studies: No information available.

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Discarded chemical is classified as an industrial waste. Silicon dioxide will form during incineration.

Section 14 - Shipping Information

Not listed as hazardous material by IMO or IATA.

Section 15 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.