

SAFETY DATA SHEET

Wearlon 722

Plastic Maritime Corporation encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

Section 1. Product and company identification

GHS product identifier: Wearlon 722
MSDS Number: SWEAR722
Product type: Dispersion
Material uses: Silicone Polyurethane Resin Systems

**Manufacturer/Supplier/
Importer:**

Plastic Maritime Corporation
PO Box 2131 – Traver Road
Wilton, NY 12831
Telephone - 518-587-7624

Customer Information Email: SDSQuestions@WearlonCorp.com

Telephone: For additional health and safety or regulatory information, call
518-587-7624

Emergency telephone numbers: CHEMTREC US Domestic Emergency 800-424-9300
CHEMTREC International Emergency 703-527-3887

Section 2. Hazards identification

GHS Classification

Reproductive toxicity: Category 2

GHS Label element

Hazard pictograms:



Signal Word:

Warning

Classification of the substance or Mixture:

Skin, eye, and mucous membrane irritant.
 Can cause damage to organs (liver, kidney damage) through prolonged or repeated exposure.

Precautionary statements

General: Not applicable.

Prevention: Wear protective gloves.
 Wear eye or face protection.
 Use general exhaust.
 Do not breathe vapor.
 Do not eat, drink, or smoke when using this product.
 Wash hands thoroughly after handling.

Response: **IF ON SKIN:**
 Wash with plenty of soap and water.
 Take off contaminated clothing.
 Wash contaminated clothing before reuse.
 If skin irritation or rash occurs, get medical attention.
IF IN EYES:
 Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists, get medical attention.

Storage: Protect against physical damage.
DO NOT FREEZE. Store at room temperature, above 40° F.

Disposal: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Other hazards which do not result in classification: None known.

Section 3. Composition/information on ingredients

Substance/mixture: Mixture

Ingredient name	% by weight	CAS number
Water	49	7732-18-5
Silicone-Polyurethane Dispersion	35	Proprietary
N-Methyl-2-Pyrrolidone	15	000872-50-4
Triethylamine	1	000121-44-8

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First aid measures**Description of necessary first aid measures**

- Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If Necessary, call a poison center or physician.
- Inhalation:** No harm anticipated from materials in quantities packaged. If any abnormalities occur such as a headache, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact:** Wash with soap and water.
- Ingestion:** Do not induce vomiting. Give one or two glasses of water to drink and refer to medical personnel, or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Section 5. Fire-fighting measures: Flash Point: >200 F**Extinguishing media**

- Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media:** None known.

- Special exposure hazards:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition

- Products:** Decomposition products may include the following materials:
carbon oxides
nitrogen oxides
ammonia

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8 of SDS). Do not breathe dust, vapor, mist or gas.

Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Methods for cleaning up

Small spill Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see section 13 of SDS). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

Section 7. Handling and storage

Handling Put on appropriate personal protective equipment (see section 8 of SDS). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be

hazardous. Do not reuse container. Do not breathe dust, vapor, mist, or gas.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection**Occupational exposure limits**

No exposure standard allocated.

Consult local authorities for acceptable exposure limits.

Recommended monitoring**Procedures:**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures:

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection**Respiratory**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts.
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Color:	Amber
Odor:	Faint odor
Odor threshold:	Not available
pH:	8
Melting point/Freezing point:	Not available
Boiling point:	100° C (212° F)
Flash point:	Setaflash Closed Cup: 200° F
Burn time:	Not available
Burning rate:	Not available
Evaporation rate:	(BuAc=1): Slower than Butyl Acetate
Flammability (solid, gas):	Not available
Lower and upper explosive (flammable) limits:	Lower: 1.2 Upper: Not available
Vapor pressure:	(mm Hg): < 21 mm Hg @20° C
Vapor density:	(air = 1) > 1
Relative density:	1.2
Density:	1
Solubility:	Not available

Solubility in water: Dispersible

Partition coefficient: n-Octanol/water Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

SADT: Not available

Viscosity: **Dynamic:** Not available
Kinematic: Not available

Other information

No additional information.

Section 10. Stability and reactivity

Reactivity: Stable under normal conditions.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Avoid exposure – obtain special instruction before use.

Incompatible materials: No specific date.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Other Hazards: None known

Section 11. Toxicological information

Information on toxicological effects

Irritation/Corrosion

Skin: Not available

Eyes: Not available

Respiratory: Not available

Sensitization

Skin: Not available

Respiratory: Not available

Mutagenicity

Conclusions/Summary: Not available

Conclusions/Summary: Not available

Carcinogenicity

Conclusions/Summary: Not available

Aspiration hazard

Not available

**Information on the likely routes
of exposure:**

Not available

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation: Harmful if inhaled.

Skin contact: Cause skin irritation. May cause an allergic skin reaction.

Ingestion: Irritation to mouth, throat, and stomach.

Symptoms related to the physical, chemical, and toxicological characteristics

Eye contact: Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following:
irritation
redness

Ingestion: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

Long term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

Potential chronic health effects

General: Causes damage to organs through prolonged or repeated exposure:

Once sensitized, a several allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute Toxicity estimates

Not available

Section 12. Ecological information

No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

Section 14. Transport information

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

International transport regulations

<u>Regulatory Information</u>	<u>UN/NA number</u>	<u>Proper shipping name</u>	<u>Classes/*PG</u>	<u>Reportable Quantity (RQ)</u>
CFR		Non-regulated		
TDG		Non-regulated		
IMO/IMDG		Non-regulated		
IATA (Cargo)		Non-regulated		

*PG: Packing group

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

United States

HCS Classification: Irritating material
Sensitizing material
Target organ effects

U.S. Federal regulations: **SARA 302 Extremely Hazardous Substances:** None required.
SARA 302/304/311/312 hazardous chemicals: None required.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Immediate (acute) health hazard, Delayed (chronic) health hazard

California Prop. 65: This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin.
000872-50-4 N- METHYL -2- PYRROLIDONE 15%
000121-44-8 TRIETHYLAMINE 1.5%

United States inventory (TSCA 8b): All components are listed or exempted.

Canada

WHMIS (Canada): Class D-1B: Material causing immediate and serious toxic effects (Toxic).

Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI: None required.

CEPA Toxic substances: None required.

International regulations

International lists:

Australia inventory (AICS): Not determined.

Canada inventory: At least one component is not listed in DSL but all such components are listed in NDSL.

Japan inventory: All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Korea inventory: Not determined.

New Zealand Inventory (NZIoC): Not determined.

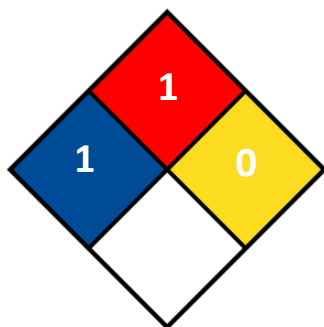
Philippines inventory (PICCS): Not determined.

United States inventory (TSCA 8b): All components are listed or exempted.

Taiwan inventory (CSNN): All components are listed or exempted.

Section 16. Other information

NFPA Hazard Rating (National Fire Protection Association) :



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