

MATERIAL SAFETY DATA SHEET

IDENTITY: AQUA-GUARD™ 40 (SILOXANE SEALER)

Section 1

Manufacturer' Name:

PACIFIC POLYMERS INTERNATIONAL, INC (714) 898-0025

Address

12271 Monarch Street

Garden Grove, California 92841

Emergency Telephone Number

(714) 898-0025

Telephone Number for Information

(714) 898-0025

Date Prepared

11-30-95

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Section II--- Hazardous Ingredients/Identity Information

| <u>Hazardous Components</u> | <u>CAS #.</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Other Limits Recommended</u> | <u>% (optional)</u> |
|--|---------------|-----------------|------------------|---------------------------------|---------------------|
| Aliphatic Hydrocarbon Naphtha Solvent (Mineral spirit) | 8052-41-3 | 100 ppm | 100ppm/TWA | 200ppm/STEL | 60 |

Section III --- Physical/Chemical Characteristics

Boiling Point: 315 deg.F

Specific Gravity (H20 = 1) : 0.8592

Vapor Pressure (mm Hg) : 3.00 @ 68 deg.F (solvent)

Melting Point : no data

Vapor Density (Air = 1) : 4.70 (solvent)

Evaporation Rate (Butyl Acetate = 1) : 0.20 (solvent)

Appearance and Odor : clear water like liquid, solvent base, water insoluble

Weight per Gallon : 7.13 pounds

V.O.C. ---- 520 grams per liter

Section IV --- Fire and Explosion Hazard Data

Flash Point (Method Used) : 105 deg.F.

Flammable Limits: LEL: 0.7 (%vol) UEL: 6.0 (% vol)
(based on Mineral spirit)

Extinguishing Media: Extinguish with dry chemical, carbon dioxide, water spray or foam. Water may be ineffective extinguishing agent.

Special Fire Procedures: The use of SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire and Explosion Hazards: This material is combustible and may be ignited by flame or heat. This material will burn, but will not ignite readily.

Section V --- Reactivity Data

Stability: Stable

Conditions to Avoid : Avoid extreme temperatures and any ignition source.

Incompatibility (Materials to Avoid): This product is incompatible with strong acids or bases, oxidizing agents and amines.

Hazardous Decomposition or By-products : Combustion may yield carbon monoxide and /or carbon dioxide.

Hazardous Polymerization : Will not occur

Conditions to Avoid : none known.

Section VI --- Health Hazard Data

Routes of Entry: Inhalation? yes Eyes? yes Skin? yes Ingestion? yes

Health Hazards (Acute and Chronic) :

This material may cause eye irritation and may cause burning, tearing and redness upon eye contact. Skin contact may result to irritation and may cause redness, burning, and drying and cracking of the skin. Inhalation of vapors and or mists may cause irritation to throat and nose. Ingestion may cause mild digestive tract irritation even though this material has low degree of toxicity.

Carcinogenity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: Skin contact: Burning, redness, and drying . Eye contact: Burning, redness and tearing. Inhalation Contact: Signs of nervous system depression such drowsiness, dizziness, loss of coordination, and fatigue. May also cause asthma like symptoms.

Medical Conditions Generally Aggravated by Exposure: Asthma like symptoms, coughing, and chest tightness.

Emergency and First Aid Procedures:: **Eyes:** Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or burning sensation develops, have eyes examined and treated by medical personnel.

Skin: Wash material off the skin with plenty of soap and water. If redness, itching, or burning develops, consult a physician immediately.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. If breathing is labored, give oxygen. consult medical help immediately. Do not give any food or liquids to a unconscious person.

Ingestion: Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel immediately. (never give anything by mouth to an unconscious person).

Section VII --- Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. Ventilate area of spill, keep out from drains, sewers or waterways. Use sand or other inert material to dam and contain the spill. Do not flush area with water.

Waste Disposal Method: Collect and dispose in accordance with federal, state, and local agencies regulations.

Precautions to be taken in Handling and Storing: Store away from ignition sources and store in a cool, dry location.

Other Precautions: Avoid inhalation of the vapors and mists of the solvent containing product. Wear protective gear while using the product.

Section VIII --- Control Measures

Respiratory Protection: Use NIOSH/MSHA organic vapor respirators to prevent inhalation during application.

Ventilation: Local Exhaust: recommended
Mechanical (General): recommended

Protective Gloves: Neoprene and or nitrile rubber based gloves

Eye Protection: Chemical splash safety goggles or full shield masks

Other Protective Clothing or Equipment: Wear disposable coveralls or aprons.

Work/Hygienic Practices: Wash before eating, drinking. Do not smoke close to the material.

Section IX --- Regulatory Information

Federal Regulations:

SARA Title III: (Section 313 Toxic Chemical):

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Concentration</u> |
|----------------------|-------------------|----------------------|
| None known | | |

State Regulations:

California Proposition 65:

The following detectable components of this product are substances, or belong to classes of substances, known to the of California to cause cancer and/or reproductive toxicity.

| <u>Chemical Name</u> | <u>CAS Number</u> |
|----------------------|-------------------|
| None known | |

NFPA Classification: Health 0, Flammability 2, Reactivity 0, Protection G

Disclaimer: The data set forth in this MSDS are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Pacific Polymers International, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.