

Marlen Textiles

Safety Data Sheet

Version: 002

Issued on: 05.22.2015

Copyright, 2015, Marlen Textiles, Inc. ("Marlen Textiles"). All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing Marlen Textiles products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from Marlen Textiles, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

1. PRODUCT AND COMPANY IDENTIFICATION

Company

Marlen Textiles
500 Orchard Street
New Haven, MO 63068

Customer Service/Technical Support Number: (573) 237-4444
(Monday through Friday, 8AM to 4:30PM CST)

Emergency Information

CHEMTREC (800) 424-9300

Product Information

Product Name: ParaSeal #76407
Product Use: Water-based acrylic latex, anti-fray product

2. HAZARDS IDENTIFICATION

Health Hazard:

Provide good ventilation when handling this product.

HMIS Rating:

Health = 1 Flammability = 1 Reactivity = 0 Personal Protection = B

Eyes:

May cause temporary redness, irritation and discomfort upon direct contact.

Skin:

Mild skin irritant. Persons with pre-existing skin conditions should avoid contact.

Inhalation:

Handle in accordance with good industrial hygiene and safety practice. Long term repeated exposure may cause irritation to the nose, throat, and lungs.

Ingestion:

Low ingestion hazard based on normal recommended use. Harmful if swallowed, seek medical attention.

3. COMPOSITION/INFORMATION ON COMPONENTS**Components:**

Component	CAS Number	Weight %
Acrylic Polymer	Not Hazardous	<50
Residual Monomers	Not Required	<0.03
Aqua Ammonia	1336-21-6	<1.0
Diphenyl Ketone	119-61-9	<0.5
2-Propanol	67-63-0	4.0-5.0

When used for its intended purpose, this material is classified as hazardous under Federal OSHA 29 CFR 1910.1200 regulations. This SDS contains valuable information critical to the safe handling and proper use of this product. The SDS should be retained and available for employees and other users of this product.

4. FIRST AID MEASURES

Handle in accordance with good industrial hygiene and proper ventilation safety practices. Avoid prolonged exposure to skin and breathing of vapors, fumes, dust, or mist. The use of personal protective equipment such as chemical protective gloves and face protection are recommended for handling this product. Consult with your personnel protective equipment manufacturer for selection of appropriate compatible materials.

General Information**Skin:**

In case of skin contact, flush area with warm water for a minimum of 15 minutes. Remove contaminated clothing and wash accordingly before reuse.

Eyes:

Flush eyes thoroughly with flowing water for a minimum of 15 minutes. If irritation persists, seek medical attention.

Ingestion:

If swallowed, rinse mouth with plenty of water. Seek medical attention immediately. DO NOT induce vomiting. DO NOT administer anything by mouth to an unconscious person. DO NOT leave victim unattended.

Inhalation:

If inhaled, remove victim to fresh air. If symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

Flash Point: not applicable

Auto-ignition temperature: not applicable

Flammable Limits in Air: not applicable

Extinguishing media (suitable):

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Protective equipment:

Fire fighters and others exposed to products of combustion should wear full fire turn out gear and self-contained breathing apparatus (pressure demand/NIOSH approved or equivalent).

Unusual Fire Hazards:

Thermal decomposition due to fire may yield acrylic monomers, carbon monoxide, carbon dioxide, and silicone dioxide. Formaldehyde may be generated under acidic conditions.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Section 5 and 8.

Measures for environmental protection:

For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices. Use with adequate ventilation. Avoid eye exposure. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed and tightly sealed.

Store product in a dry area and keep from freezing, product stability may be affected. Stir well before use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous Component Exposure Limits:

	OSHA PEL	ACGIH TLV	NOISH PEL
Aqua Ammonia	TWA 50ppm STEL 35ppm	TWA 25ppm STEL 35ppm	TWA 25ppm STEL 35ppm
Isopropyl Alcohol	TWA 400ppm		

The above components are hazardous as defined in 29 CFR 1910.1000.

Engineering Controls:

Local Ventilation: Recommended.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling:

Eyes: Use proper protection- safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: Chemical resistant gloves are recommended for use.
Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact Marlen Textiles customer service.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Milky White
Odor:	Mild Ammonia Odor
pH:	Not Determined
Flash point:	Non Combustible
Boiling Point:	212°F
Melting Point (°C):	Not Determined
Solubility:	Insoluble in Water
Specific Gravity @ 25°C:	1.02
Density (lbs/gal):	Not Determined
Vapor Density:	Not Determined
Evaporation Rate:	Not Determined

VOC: <5%
Viscosity: Not Determined
Solids: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None Known
Materials to Avoid: Strong oxidizing agents.

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: acrylic monomers, carbon monoxide, carbon dioxide, and silicone dioxide. Formaldehyde may be generated under acidic conditions.

11. TOXICOLOGICAL INFORMATION

Component Toxicological Information:

Diphenyl Ketone: At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. In animals, effects have been reported on the following organs: blood, liver, kidney, and bone marrow. This compound is known to be carcinogenic to laboratory animals, but did not interfere with reproduction or fertility. Has been shown to be toxic to the fetus in laboratory animals at doses toxic to the mother, did not cause birth defects.

Special Hazard Information on Components:

Carcinogens

CAS Number	Wt %	Component Name
107-13-1	<0.03	Acrylonitrile
64-17-5	Trace	Ethanol
119-61-9	<0.5	Diphenyl Ketone

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
Waste Classification: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosively, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

State or local laws may impose additional regulatory requirements regarding disposal.

Empty Container Warning: (where applicable) Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

14. TRANSPORT INFORMATION

Transportation clarifications may vary by container volume and may be influenced by regional or country variations in regulations.

Ascertain that containers are closed tight to prevent accidental release. Handle with care and keep product from freezing.

15. REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

Supplemental State Compliance Information:

California Prop 65: This product contains chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. MARLEN TEXTILES, INC. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Marlen Textiles product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Marlen Textiles product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Marlen Textiles product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.