



"AquaStik" WATERBASED POLYCHLOROPRENE ALL IN SYNONYM LIST LTX005
LTX005 Revised 16-FEB-2007

Substance ID : DPESISGRP247

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"AquaStik" is a registered trademark of DuPont Performance
Elastomers L.L.C..

Tradenames and Synonyms

Polychloroprene copolymer, anionic colloidal dispersion in
water
"AquaStik" 2161

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Performance Elastomers L.L.C.
Bellevue Park Corporate Center
300 Bellevue Parkway
Wilmington, Delaware 19809

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.
302-774-1000)
Transport Emergency : CHEMTREC 1-800-424-9300(outside U.S.
703-527-3887)
Medical Emergency : 1-800-441-3637 (outside the U.S.
302-774-1139)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
POLY(2-CHLORO-1,3-BUTADIENE/2,3DICHLORO-1,3-BUTADIENE)	25067-95-2	54-60
SODIUM HYDROXIDE	1310-73-2	<0.5
OR		
POTASSIUM HYDROXIDE	1310-58-3	<0.5
WATER	7732-18-5	39-45

Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313
of Title III of the Superfund Amendments and Reauthorization Act
of 1986 and 40 CFR part 372.

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HAZARDS IDENTIFICATION

Potential Health Effects

ADDITIONAL HEALTH EFFECTS

See Toxicological Information section for animal data.

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYMPTOMS

INGESTION: No data are shown on liquid dispersion. Ingestion is not a probable route of exposure. Products are all highly alkaline. Caustic will cause toxic effects to the central nervous system and cause severe stomach distress. One type of dry polymer was tested and found to have an LD-50 of greater than 20,000 milligrams per kilogram body weight.

SKIN: Repeated or prolonged skin contact may cause skin irritation including redness, itching, and in severe cases, blisters.

EYE: Contact may cause eye irritation with tearing, pain or blurred vision, corneal opacity or clouding of the eye. Avoid eye contact.

INHALATION Vapor emitted during processing above 200 deg C are highly irritating causing soreness in the eyes, nose and throat.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

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Dispose of shoes if contaminated, liquid dispersions penetrate leather slowly and may cause irritation or blisters.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

Not a probable route. However, in case of accidental ingestion, call a physician.

FIRE FIGHTING MEASURES

Flammable Properties

Hazardous gases/vapors produced in fire are hydrogen chloride (HCl), carbon monoxide, organic acids, and, aldehydes.

Fire and Explosion Hazards:

Material is not flammable. Small amounts of flammable vapor may accumulate above the liquid dispersion in a closed vessel.

Extinguishing Media

Water, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material. Flush spill area with water to wastewater treatment system.

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HANDLING AND STORAGE

Handling (Personnel)

Use only with adequate ventilation.

Storage

Use cool ventilated storage. Products are perishable if frozen. Refer to bulletin H-68232 on transfer and storage of Neoprene and "AquaStik" Liquid Dispersions.

Do not store or ship liquid dispersion in aluminum containers.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

EYE/FACE PROTECTION

Wear coverall chemical splash goggles and/or face shield when the possibility exists for eye and face contact due to splashing or spraying of material. A full face mask respirator provides protection from eye irritation.

RESPIRATORS: Wear a NIOSH approved respirator if there is potential for exposure to airborne dusts, mists or vapors.

PROTECTIVE CLOTHING

Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole bodysuit as appropriate.

Recommended glove and clothing material: Neoprene.

Exposure Guidelines

Applicable Exposure Limits

SODIUM HYDROXIDE

PEL (OSHA)	: 2 mg/m ³ , 8 Hr. TWA
TLV (ACGIH)	: Ceiling 2 mg/m ³
AEL * (DuPont)	: 2 mg/m ³ , 15 minute TWA

POTASSIUM HYDROXIDE

PEL (OSHA)	: None Established
TLV (ACGIH)	: Ceiling 2 mg/m ³

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

% Volatiles	:	Volatile material is water, level is 39-45%
Solubility in Water	:	Miscible
Odor	:	Mild.
Form	:	Liquid
Color	:	Milky white
pH	:	12-14 (typical values @ 25 degrees C)

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Hazardous gases or vapors can be released, including carbon monoxide, hydrogen chloride (HCl), and, organic acids, aldehydes, alcohols.

Avoid heating coagulum above 200 degrees C.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

See Hazards Identification section for potential health effects.

EYE:

Two liquid dispersions of similar composition have been evaluated for acute eye irritation in rabbits. The conjunctiva, iris and cornea of the treated eyes were evaluated and scored with time.

Exposure to the liquid dispersions resulted in small area of mild cornea opacity, moderate iritis, moderate to severe conjunctiva redness, slight to mild swelling and copious discharge.

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All ocular irritation had resolved by 7 days following treatment.

ECOLOGICAL INFORMATION

Ecotoxicological Information

AQUATIC TOXICITY:

No information is available. Do not discharge to streams, ponds, lakes or sewers.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Soak up with absorbent material and landfill.

TRANSPORTATION INFORMATION

Shipping Information

DOT
Proper Shipping Name : Not regulated.

Do not store or ship liquid dispersion in aluminum containers.

Shipping Information -- Canada

This material is Not Regulated.

REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status : In compliance with TSCA Inventory requirements for commercial purposes.

State Regulations (U.S.)

STATE RIGHT-TO-KNOW

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated.

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SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1 % OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES)- None known.

WARNING - SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM - Chloroprene, Butadiene, and Toluene are present at low concentrations. May contain trace amount of Ethyl Benzene.

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS) - None known.

Canadian Regulations

WHMIS Classification:

CLASS D Division 2 Subdivision B - Toxic Material. Skin or Eye Irritant.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

CEPA Status : DSL: REPORTED/INCLUDED.

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating	
Health	: 2
Flammability	: 1
Reactivity	: 0

Additional Information

MEDICAL USE: CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications see DuPont Performance Elastomers Medical Application Policy (H-69237).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : G. W. WORTHAM
DuPont Performance Elastomers L.L.C.
Address : CHESTNUT RUN PLAZA 713
WILMINGTON, DE 19880-0713

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(Continued)

Telephone : 302-999-2319

Indicates updated section.