



WATER BASED URETHANE PART B

SECTION I: IDENTIFICATION

Product Name: Water Based Urethane - Part B
Product Use:

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 844-393-7699

SECTION II: HAZARD IDENTIFICATION

Signal Word: WARNING

Hazard Classification:

H332 Harmful if inhaled
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation

Hazard Statements:

H317 - May cause an allergic skin reaction.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.

Precautionary Statements:

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
P271- Use outdoors or in a well ventilated area.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P312 - Call a POISON CENTER if you feel unwell
P403+P233 – Store in a well ventilated place. Keep container tightly closed.
P501 – Dispose of contents/container to approved waste disposal site.

Additional information: Contains isocyanates. May produce an allergic reaction.

Hazard Pictograms:





SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Hexane, 1,6-diisocyanato-, homopolymer	28182-81-2	50-100%
hexamethylene-di-isocyanate	822-06-0	>1%

SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Take affected persons out into the fresh air.

After inhalation: Remove to fresh air. Provide oxygen treatment if affected person has difficulty breathing.

After skin contact: Wash with soap and water. Remove contaminated clothing, and launder before reuse.

After eye contact: Flush with water for at least 15 minutes, lifting both eyelids. If irritation persists, **Get Medical Help.**

After ingestion: Drink two glasses of water. Induce vomiting if directed by medical personnel. **Get Medical Help.** Do not attempt to give liquids to an unconscious person.

Most Important Symptoms and Effects (Acute and Delayed):

Asthma attacks - Allergic reactions - Coughing - Breathing difficulty - Profuse sweating - Gastric or intestinal disorders when ingested.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Not reactive.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: During heating or in case of fire poisonous gases are produced.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Methods and material for containment and cleaning up:

Spill Response: Contain and collect spillage with non-combustible, absorbent material.

Waste Disposal: Dispose of according to local, state and federal regulations.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Prevent formation of aerosols. Keep receptacles tightly sealed. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.

Additional Hazards: None known.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Avoid storage near extreme heat, ignition sources or open flame. Protect from humidity and water.

Storage Area: Store away from foodstuffs. Store away from oxidizing agents. Store away from water. Do not store together with acids. Store in cool, dry conditions in well sealed receptacles.

Incompatible Products and Materials: None.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation. In enclosed spaces, use a respirator.

Personal Protective Equipment:



Hand: Protective Gloves - Wear gloves of adequate length to offer appropriate skin protection.

Eye: Safety Glasses/Goggles

Skin and Body: None required.

Respiratory: None required.

Additional Information: None.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Clear Odor: Nearly odourless Not determined.
pH-value:	
Boiling Point/Boiling Range: Freezing Point:	NA
Flash Point:	365 °F / 185 °C
Auto Igniting:	883 °F / 445 °C
Vapor Pressure:	NE
Vapor Density:	NE
Viscosity:	NA
Solubility in? Miscibility with water:	Not miscible or difficult to mix
Evaporation Rate: Flammability:	NE
Decomposition Temperature:	Non-Flammable NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: Store away from oxidizing agents

Incompatible materials: None.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Nitrogen oxides (NO_x). Isocyanate

Possibility of hazardous reactions: Contact with acids releases toxic gases. Toxic fumes may be released if heated above the de-composition point. Exothermic polymerization. Reacts with catalysts, oxidizing agents and strong alkali.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity:

Exposure Symptoms:

Eyes: Slight irritant effect on eyes.

Skin: Slight irritant effect on skin and mucous membranes.

Sensitization: Sensitization possible through skin contact. Sensitizing effect through inhalation is possible by prolonged exposure.

Additional Information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful - Irritant - Danger through skin adsorption. - Toxic and/or corrosive effects may be delayed up to 24 hours. Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.



SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available. **Behavior in Environmental Systems:** No further relevant information available. **Bioaccumulative Potential:** NE

Mobility in Soil: Not mobile.

General Notes: Avoid transfer into the environment

Water hazard class 1: slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of according to local, state and federal regulations.

Recommended Cleansing Agent: Water, if necessary together with cleaning agents

Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

UN-Number: Not Regulated

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

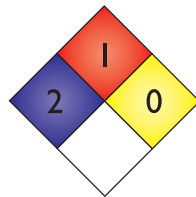
Environmental Hazards:

Additional Information:

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 1
Reactivity: 0

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2019

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