

# Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 01-23-2012

## Section 1 - Product and Company Information

**Product Name:** Waterborne Primer Catalyst  
**Product Part Number(s):** 3104-1, 3104-4, 3104-16, 3104-G

<b>COMPANY IDENTIFICATION:</b>	<b>EMERGENCY TELEPHONE NUMBER</b>	
Urethane Supply Company	24 Hour Emergency Contact	Chemtrec - 1-800-424-9300
1128 Kirk Rd.	Customer Information Number	256-638-4103
Rainsville, AL 35986		

## Section 2 - Hazards Identification

**Appearance:** Yellow Liquid  
**Odor:** Characteristic

**Hazards of Product:**

**WARNING!** May cause allergic skin reaction. May cause respiratory tract and eye irritation. Avoid contact with skin and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

**Signal Word:** WARNING!

**HMIS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>1</b>	Health = 1
<b>FIRE</b>	<b>1</b>	Fire = 1
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

**NFPA Ratings**



### Potential Health Effects

**Eye Contact:** Moderately irritating to eyes.

**Skin Contact:** Slightly irritating to skin.

**Skin Sensitization:** May cause sensitization by skin contact.

**Inhalation:** Moderately irritating to the respiratory system.

**Ingestion:** No known significant effects or critical hazards.

---

### Section 3 - Composition/Information on Ingredients

---

Component	CAS #	Amount
Crosslinking polymer		25-50%

---

### Section 4 - First-Aid Measures

---

**Eye Contact:** Immediately wash out with plenty of water with the eyelid held wide open.

**Skin Contact:** Remove contaminated clothing. Wash contaminated skin with soap and water.

**Inhalation:** Remove victim to fresh air.

**Ingestion:** Rinse mouth. Do not induce vomiting.

**Medical Conditions Aggravated by Exposure:** Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can product lung damage. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

---

### Section 5 - Fire Fighting Measures

---

**Extinguishing Media:** SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog, or foam. Do not use water jet.

**Special Protective Equipment for Firefighters:** In case of fire and/or explosion, do not breathe fumes. A self-contained breathing apparatus should be used to avoid inhalation of the product.

**Unusual Fire and Explosion Hazards:** If involved in a fire, it may emit gases which are dangerous for health.

**Hazardous Combustion Products:** These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>, etc.).

---

### Section 6 - Accidental Release Measures

---

**Steps to be Taken if Material is Released or Spilled:** Collect spilled material. Disposal according to the local legislation. Clean up affected area with water.

**Personal Precautions:** Use personal protective equipment as described in section 8. Ventilation recommended.

**Environmental Precautions:** Do not allow to enter sewage system.

---

### Section 7 - Handling and Storage

---

**General Handling:** Avoid contact with skin and eyes. Use only in well-ventilated areas. Handle and open container with care. Do not breathe gas/fumes/vapor/spray. Local exhaust required. Use personal protective equipment described in section 8.

**Other Precautions:**

**Storage:** Keep container tightly closed in a cool, well-ventilated place. Keep container dry. Keep away from heat. Keep from freezing.

## Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
-----------	--------	------	-------	---------

### Personal Protection

**Eye/Face Protection:** Safety glasses with side shields.

**Skin Protection:** Chemical resistant gloves. Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Engineering Controls:** Ventilation recommended

## Section 9 - Physical and Chemical Properties

Appearance:	Liquid
Color:	Yellowish.
Odor:	Characteristic
ph:	11 to 12 (basic)
Flash Point:	Not applicable
Boiling Point:	212°F (100°C)
Freezing Point:	35°F (5°C)
Solubility in Water:	Miscible in water.
Percent Solids By Weight:	40
Volatile Organic Compounds (VOC):	<1%
Viscosity:	Dynamic: 25 to 300 cP

## Section 10 - Stability and Reactivity

**Stability/Instability:** Stable under normal conditions

**Incompatible Materials:** Strong acids

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>, etc.).

---

## Section 11 - Toxicological Information

---

**Acute Toxicity**

**Ingestion**

25-50%

**Skin Absorption**

25-50%

**Inhalation**

25-50%

**Chronic Toxicity and Carcinogenicity**

No known significant effects or critical hazards.

**Reproductive Toxicity**

No known significant effects or critical hazards.

**Genetic Toxicity**

No known significant effects or critical hazards.

---

---

## Section 12 - Ecological Information

---

---

---

## Section 13 - Disposal Considerations

---

**Disposal Method:**

Follow all local, state and federal regulations. Regulations vary in different locations. Waste characterization and compliance with applicable laws are the responsibility of the waste generator.

**Container Disposal:** Empty containers contain product residue. Observe all precautions for the product. Do not reuse container without thorough cleaning and reconditioning. Consult applicable regulations regarding disposal of empty containers.

---

---

## Section 14 - Transport Information

**DOT**

Proper Shipping Name: NOT REGULATED

**Maritime transport IMDG**

Proper Shipping Name: NOT REGULATED

**Air Transport ICAO-TI and IATA-DGR**

Proper Shipping Name: NOT REGULATED

---

---

## Section 15 - Regulatory Information

---

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

---

## Section 16 - Other Information

---

### Legend

ACGIH	American Conference of Governmental Hygienists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	Agencia internacional para la investigaci3n sobre c3ncer
IARC	International Agency for Research on Cancer
LTCL	Long Term Exposure Limit
MSDS	Material Safety Data Sheet
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NFPA	Asociaci3n nacional de la protecci3n contra los incendios
NIOSH	National Institute for Occupational Safety
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
OSHA	Occupational Safety and Health Administration
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.