



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Q-Seal 295-P606 Polyol

Prepared: 15 May 2012  
Supersedes: 27 August 2010

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** Q-Seal 295-P606 Polyol  
**Chemical Family:** Urethane polyol  
**Product Use:** Loop detector sealant  
**Responsible Party:** Chemque, Inc.  
266 Humberline Drive  
Rexdale, ON M9W 5X1  
**Telephone Number:** (416) 679-5676  
**In Emergency Only:** CANUTEC Collect: (613) 996-6666 (24-hour hotline)  
Information: (613) 992-4624

### SECTION 2: HAZARDS IDENTIFICATION

**Emergency Overview:** Yellow liquid  
**Potential Health Effects:** Eyes – Moderate eye irritant.  
Skin – Moderate skin irritant. May cause skin sensitization or allergic reaction in some individuals.  
Inhalation – Vapours may cause skin irritation in confined spaces.  
Ingestion – May cause gastrointestinal irritation.  
Chronic Effects – None known.

### SECTION 3: HAZARDOUS INGREDIENT INFORMATION

Ingredient	% (W/W)	CAS number
Fatty Acids, C18 Unsaturated, Dimers	10-30	61788-89-4
Ethylene Glycol	1-5	107-21-1

### SECTION 4: FIRST AID MEASURES

**Eyes:** Flush eyes with water for 15 minutes. Seek medical attention if irritation occurs.  
**Skin:** Remove affected clothing. Wash skin with soap and water immediately. Wash contaminated clothing before re-use. Seek medical attention if irritation occurs.  
**Inhalation:** Move to fresh air. If breathing difficulties occur seek medical attention.  
**Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**Flammable Properties:** Closed containers may explode when heated to high temperatures.  
**Extinguishing Media:** CO<sub>2</sub>, chemical foam, dry chemical.  
**Protection of Fire Fighters:** Self contained breathing apparatus and full protective clothing should be



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Q-Seal 295-P606 Polyol

Prepared: 15 May 2012  
Supersedes: 27 August 2010

worn by fire fighters.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Use personal protective equipment as recommended in Section 8.
<b>Environmental Precautions:</b>	Do not empty into drains or discharge into the soil/subsoil.
<b>Methods for Containment:</b>	Cover spill with inert absorbent material. Remove for disposal.
<b>Methods for Clean-Up:</b>	Scrub area with mild detergent solution.

### SECTION 7: HANDLING AND STORAGE

<b>General Warning to Prevent Exposure:</b>	Do not breathe fumes or vapours. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
<b>General Storage Information:</b>	Store in tightly-sealed containers in a cool, dry area, away from moisture.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Use local exhaust ventilation to keep vapour concentrations low.
<b>Personal Protective Equipment:</b>	<u>Eyes:</u> Safety glasses or goggles; face shield if risk of splashing is present. <u>Skin:</u> Chemical resistant gloves. <u>Inhalation:</u> For confined spaces, use a NIOSH-approved organic respirator if TLV is exceeded. For outdoor applications, no respirator is required. <u>Other:</u> Safety shower, eye bath.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellow liquid.
<b>Odour:</b>	N/E
<b>Melting Point:</b>	N/E
<b>Boiling Point:</b>	N/E
<b>Flash Point:</b>	> 93.5 C
<b>Evaporation Rate:</b>	N/E
<b>Upper/Lower Flammable Limits:</b>	N/E
<b>Vapour Pressure @ 68°F:</b>	N/E
<b>Vapour Density:</b>	N/E
<b>Specific Gravity:</b>	1.2 – 1.04 g/ml
<b>Solubility:</b>	Insoluble



**MATERIAL SAFETY DATA SHEET**

**PRODUCT:** Q-Seal 295-P606 Polyol

Prepared: 15 May 2012  
Supersedes: 27 August 2010

**VOC content:**

N/E

**MATERIAL SAFETY DATA SHEET****PRODUCT:** Q-Seal 295-P606 PolyolPrepared: 15 May 2012  
Supersedes: 27 August 2010**SECTION 10: STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Excessive heat, moisture.
<b>Incompatible Materials:</b>	Strong oxidizers, strong acids, strong bases.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide and carbon monoxide on combustion.
<b>Possibility of Hazardous Reactions:</b>	Will not occur

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Repeated Dose Toxicity:</b>	N/E
<b>Sensitization:</b>	May cause skin sensitization.
<b>Carcinogenicity:</b>	N/E
<b>Neurological Effects:</b>	N/E
<b>Genetic Effects:</b>	N/E
<b>Reproductive Effects:</b>	N/E
<b>Developmental Effects:</b>	N/E
<b>Target Organ Effects:</b>	N/E

**SECTION 12: ECOLOGICAL INFORMATION**

Not established.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Recover or recycle if possible.  
Dispose of this material in accordance with local, provincial and federal laws and regulations.  
All provided information only applies to the material as supplied to the user. The characteristics outlined may not apply if the material has been used or otherwise contaminated. It is the responsibility of the user to determine the proper waste identification and disposal methods in compliance with applicable regulations.

**SECTION 14: TRANSPORT INFORMATION**

NOT REGULATED FOR TRANSPORT



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Q-Seal 295-P606 Polyol

Prepared: 15 May 2012  
Supersedes: 27 August 2010

### SECTION 15: REGULATORY INFORMATION

**Canadian Regulations:** As per WHMIS, this material is classified: D2B.  
All of the components of this material appear on the "Domestic Substances List" (DSL).  
This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all of the information required in the *Controlled Products Regulations*.

**US Regulations:** All of the components of this material appear on the "Toxic Substances Control Act" (TSCA) inventory.

### SECTION 16: OTHER INFORMATION

<b>Abbreviations:</b>	N/E	Not established
	TLV	Threshold Limit Value
	CEIL	Ceiling Limit Value

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested method of application and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done at Chemque. All technical assistance and information provided with respect to Chemque's products is subject to Chemque's Terms and Conditions, including the limited warranty therein. Chemque's Terms and Conditions appear on the reverse side of Chemque's credit applications and invoices and are available upon your request. Except as expressly provided in the Terms and Conditions, Chemque excludes all express and implied warranties, representations, conditions and objections, whether statutory or otherwise, concerning the quality of the products of Chemque or their fitness for any particular purpose. It is expressly understood and agreed that the customer assumes and hereby expressly releases Chemque from all liability, in tort, contract, or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind Chemque. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent