



# Material Safety Data Sheet

Revision Date 17-Mar-2014

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** P10633B  
**Product name** CHANNEL GRIP ADHESIVE B - 1.7 OZ  
**Recommended Use** Adhesive  
**Supplier** Kent Automotive  
8770 W.Bryn Mawr Ave.- Suite 900  
Chicago, IL 60631  
1-866-529-7664  
**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
Irritant. Harmful if swallowed.

**Aggravated Medical Conditions**  
None Known

**Principal Routes of Exposure**  
Eyes. Skin. Ingestion. Inhalation.

### Potential health effects

**Eyes** Moderately irritating to the eyes. Redness. Tearing.  
**Skin** Allergic reaction . Itching. Moderate irritation.  
**Inhalation** May cause irritation of respiratory tract. Nasal irritation. Shortness of breath.  
**Ingestion** Harmful if swallowed. Gastrointestinal irritation. Nausea.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Bisphenol A - Epichlorohydrin polymer	25068-38-6	40-70
Calcium Carbonate	1317-65-3	7-13
Modified Bisphenol Resin Mixture	68909-14-8	5-10
Castor oil glycidyl ether	74398-71-3	1-5
Ethylene glycol	107-21-1	0.5-1.5

## 4. FIRST AID MEASURES

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.  
**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.  
**Ingestion** Call a physician or Poison Control Center immediately.  
**Inhalation** Remove to fresh air. Get medical attention if cough or respiratory symptoms develop.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** 93  
**Flash point °F** 200  
**Method** No information available  
**Autoignition temperature °C** No data available  
**Autoignition temperature °F** No data available  
**Flammability Limits (% in Air)**  
**Upper** No data available  
**Lower** No data available

**Suitable extinguishing media**  
Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water fog.

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

### Fire and Explosion Hazards

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

### Sensitivity to shock

No information available.

### Sensitivity to static discharge

No information available.

**6. ACCIDENTAL RELEASE MEASURES****Methods for cleaning up**

Eliminate all sources of ignition. Evacuate area of unprotected and unnecessary personnel. Shut off source of leak if safe to do so. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Soak up excess with absorbent material. Pick up and transfer to properly labelled containers.

**7. HANDLING AND STORAGE****Handling**

Avoid contact with skin and eyes. Ensure adequate ventilation. Thoroughly wash hands and exposed skin after handling. Keep container closed when not in use.

**Storage**

Keep in a dry, cool and well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Bisphenol A - Epichlorohydrin polymer	-	-	-	-
Castor oil glycidyl ether	-	-	-	-
Calcium Carbonate	15 mg/m <sup>3</sup>	-	-	-
Modified Bisphenol Resin Mixture	-	-	-	-
Ethylene glycol	-	-	-	-

**Ventilation and Environmental Controls**

Provide local exhaust ventilation. If current ventilation practices are not adequate in maintaining airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

**Hygiene measures**

General industrial hygiene practice

**Respiratory protection**

Wear a NIOSH approved respirator with chemical/mechanical filters for chemicals listed in Section 3 when ventilation is restricted.

**Hand Protection**

Chemical resistant gloves. Gloves are recommended to prevent prolonged or repeated contact. Impervious gloves.

**Eye protection**

Goggles. Safety glasses with side-shields.

**Skin and body protection**

None necessary under normal conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Solid
<b>Color</b>	Black
<b>Odor</b>	Sulphurous
<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available
<b>Specific Gravity</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	>1 (Air = 1)
<b>Evaporation Rate</b>	No data available
<b>Water solubility</b>	Slightly soluble
<b>VOC Content</b>	0.07
<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Boiling point/range °C</b>	No data available
<b>Boiling point/range °F</b>	300
<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available
<b>Flash point °C</b>	93
<b>Flash point °F</b>	200

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

No information available

**Incompatibility**

Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides. Carbon dioxide. Carbon monoxide. Sulfur oxides. smoke.

**Polymerization**

Will not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Bisphenol A - Epichlorohydrin polymer</i> 25068-38-6	-	-	-
<i>Castor oil glycidyl ether</i> 74398-71-3	-	-	-
<i>Calcium Carbonate</i> 1317-65-3	-	-	-

Chemical Name	LD50 (oral, rat )	LD50 (dermal ,rat/rab bit)	LC50 (inhalation, rat)
Modified Bisphenol Resin Mixture 68909-14-8	-	-	-
Ethylene glycol 107-21-1	4000 mg/kg	-	-

**Synergistic Products** None known

#### Potential health effects

**Sensitization** None known

**Chronic toxicity** None known

**Mutagenic effects** None known

**Teratogenic effects** None known

**Reproductive toxicity** None known

**Target Organ Effects** See Section 2

**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Bisphenol A - Epichlorohydrin polymer	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Castor oil glycidyl ether	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Modified Bisphenol Resin Mixture	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethylene glycol	A4	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

Ethylene glycol

#### Microtox Data

*Pseudomonas putida* EC50=10000 mg/L (16 h)

*Photobacterium phosphoreum* EC50=620 mg/L (30 min)

*Photobacterium phosphoreum* EC50=620.0 mg/L (30 min)

#### Water Flea Data

*Daphnia magna* EC50=46300 mg/L (48 h)

**Aquatic toxicity**

## 13. DISPOSAL CONSIDERATIONS

#### Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations. Do not contaminate water by disposal.

## 14. TRANSPORTATION INFORMATION

#### DOT

Not Regulated

#### TDG

Not Regulated

## 15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Ethylene glycol	Listed

#### State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Bisphenol A - Epichlorohydrin polymer	Not Listed	Not Listed	Not Listed
Castor oil glycidyl ether	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Listed	Not Listed
Modified Bisphenol Resin Mixture	Not Listed	Not Listed	Not Listed
Ethylene glycol	Listed	Listed	Not Listed

#### International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Bisphenol A - Epichlorohydrin polymer	-	X	-	X
Castor oil glycidyl ether	-	X	-	X
Calcium Carbonate	X	-	X	X
Modified Bisphenol Resin Mixture	-	X	-	X
Ethylene glycol	X	X	-	X

#### CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

## 16. OTHER INFORMATION

**Health - 2**  
**Flammability - 1**  
**Physical Hazard - 0**

Product code **P10633B**

Product name **CHANNEL  
GRIP ADHESIVE B - 1.7 OZ**

---

**16. OTHER INFORMATION**

**Prepared By**

V. Shargorodsky, Regulatory Affairs  
Engineer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.