



# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Material/Trade Name</b>	<b>Contact Bond</b>
<b>Material Type</b>	Contact Cement
<b>Company</b>	Republic Chemical Industries, Inc.
<b>Address</b>	731 Aurora Boulevard, Quezon City, 1112 Philippines
<b>Telephone</b>	+63 2 721 5781 to 86
<b>Fax</b>	+63 2 727 5095
<b>Website</b>	www.repchem.com

## 2. COMPOSITION/INFORMATION INGREDIENTS

Toluene  
Phenolic Resin  
Antioxidants  
Polychloropene Rubber  
Pegasol 1425

## 3. HAZARDS IDENTIFICATION

**Classified as Dangerous Goods**

**Risk Phrases:** Highly Flammable. Harmful by inhalation

**Safety Phrases:** Keep away from sources of ignition – No Smoking.  
Avoid contact with eyes. Do not empty into drains.  
Take precautionary measures against static discharges..

## 4. FIRST AID MEASURES

**Eye contact:**  
Flush thoroughly with plenty of water. Get immediate medical attention.

**Skin contact:**  
Wipe excess material from skin with a clean cloth or paper towel. If skin contact occurs, remove contaminated clothing and flush thoroughly with plenty of water. If irritation persists get medical

attention.

**Inhalation:**

Move to fresh air and if there are adverse reactions, call a physician.

**Oral Ingestion:**

Rinse mouth with water. If swallowed, do not induce vomiting. Immediately drink a large quantity of milk or water and call a physician.

**Medical attention and Special Treatment:**

Treat symptomatically and as for exposure to hydrocarbon solvents.

**5. FIRE FIGHTING MEASURES**

Flash Point: 30°C

**Extinguishing Media:**

Foam, CO<sub>2</sub>, dry chemical

**Fire Fighting Equipment:**

Wear full protective equipment including self-contained breathing. Apparatus, helmet, bunker coat and pants, bands around arms, waist, legs, face mask, and protective covering for exposed areas of the head. Keep containers cool with water spray.

**Exposure hazards:**

Highly Flammable liquid. On burning will emit toxic fumes, including oxides of carbon. Closed container exposed to heat may built pressure and explode. Vapors may travel long distance along the ground or floor to an ignition source and flash back.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILLS**

Ventilate area. Soak up in absorbent material such as sand and collect in suitable container. Clean up residue with an appropriate hydrocarbon solvent.

**LARGE SPILLS**

Shut off all possible sources of ignition. Increase ventilation. Wear protective equipment to prevent skin and eye contact and breathing vapours. Use absorbent (soil, sand or other inert Material). Prevent run off into drains and waterways. Collect and seal in properly labeled containers or drums for disposal.

**Disposal Method:**

Do not dump into any sewers, on the ground or into any body of water. Incinerate in an industrial or commercial facility in the presence of a combustible material

**7. HANDLING AND STORAGE**

**Storage Requirements:**

Store in cool place and out of direct sunlight. Store in a well ventilated area away from oxidizing agents and sources of heat or ignition. Keep the container dry and closed when not in use. Check regularly for leaks.

**Handling:**

Avoid skin and eye contact and breathing in vapour. Safety goggles, gas mask and proper gloves are recommended. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment must be eliminated in and near the work area. Do not smoke. Vapour may travel a considerable distance to source of ignition and flash back.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Ensure ventilation is adequate and air concentrations of components are controlled below Exposure Standards. Do not enter confined spaces where vapor may have collected.

**Eye Protection:** Safety Goggles are recommended.

**Hand Protection:** Wear appropriate gloves.

**Skin Protection:** Avoid Skin Contact

**Respiratory Protection:** Avoid breathing of vapor. Wear gas mask

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** semi-viscous liquid  
**Color:** amber; slightly turbid  
**Odor:** solvent  
**Viscosity:** 2,500 – 5,500 cps. @ 25°C  
**Specific Gravity:** 0.86 – 0.87  
**Solids Content:** 19-20%

## 10. STABILITY AND REACTIVITY

**Stability and Reactivity:** Stable under normal conditions of use

**Materials and Conditions To avoid:** Strong acids, contact with foodstuffs, exposure to heat, sources of ignition and open flame.

**Incompatible material:** Incompatible with oxidizing agents.

**Hazardous decomposition Products:** Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Aspiration Pneumonitis; signs/systems can include coughing, difficulty in breathing, wheezing

**Skin Contact:** Allergic skin reaction; signs/systems can include redness, swelling, Blistering and itching.

**Eye Contact:** Moderate eye irritation; signs/systems can include redness, swelling, hazy vision

**Ingestion:** Swallowing can cause nausea, vomiting and central nervous system depression.

**Long Term effects:**

No information available for the product. For Toluene: Evidence indicates that repeated or prolonged exposure to this chemical could result in central nervous system disorders.

**Toxicological data:**

No LD50 data available for the product.

Toluene:

Oral LD50 (rat):	636 mg/kg
Dermal LD50 (rabbit):	14100 uL/kg
Skin:	Moderate irritant (rabbit)
Eyes:	Moderate irritant (rabbit)

The toxicity of the product may be attributed to the solvents it contains

**12. ECOLOGICAL CONSIDERATION****Ecotoxicity**

Avoid contaminating waterways.

**13. DISPOSAL CONSIDERATIONS**

Refer to Waste Management Authority. Advise flammable nature. Dispose of material through a licensed waste contractor.

**14. TRANSPORT INFORMATION**

**IATA** UN No. 1133, Adhesive Containing Flammable Liquid, Class 3, Packing Group III

**15. REGULATORY INFORMATION**

GENERAL	Highly Flammable
Labelling Information	Keep away from sources of ignition – No smoking Avoid contact with eyes Do not empty into drains Take precautionary measures against static discharges.

**16. OTHER INFORMATION**

None

