



Material Safety Data Sheet

Revision Date

06-Apr-2005

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code P30040
Product name Leak Chek Seal Clear
Recommended Use Adhesive

Supplier Kent Automotive
6200 Oak Tree Blvd.
Independence, OH 44131
(800) 458-3222

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable Liquid. Harmful if swallowed.

Aggravated Medical Conditions

No information available

Principal Routes of Exposure

Eyes. Inhalation. Skin contact.

Potential health effects

Eyes Direct contact may cause the following effects. Irritation. Redness. Swelling. Blurred vision.

Skin May cause the following effects.. Moderate irritation. Defatting. Dermatitis.

Inhalation May cause the following effects. Nausea. Fatigue. Headaches. Dizziness. Respiratory irritation. Possible unconsciousness. Possible asphyxiation.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause chemical pneumonitis if aspirated into lungs.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Butyl Benzyl Phthalate	85-68-7	10-30
Toluene	108-88-3	30-60

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 area thoroughly with soap and water. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation persists.

Ingestion Vomiting may cause aspiration pneumonia. Do not induce vomiting without medical advice. Call a physician or Poison Control Center immediately.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep warm and quiet. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flash point °C 7.2
Flash point °F 45
Method No information available

Autoignition temperature

Autoignition temperature °C 398
Autoignition temperature °F 748

Flammability Limits (% in Air)

Upper 7.1
Lower 1.2

Suitable extinguishing media

Carbon dioxide (CO2). Dry chemical. Foam. Water fog.

Extinguishing media which must NOT be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire..

Specific hazards

In the event of fire and/or explosion do not breathe fumes.. Keep product and empty container away from heat and sources of ignition..

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

Dike and collect water used to fight fire.

Hazardous decomposition products

See Section 10

Fire and Explosion Hazards

Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. . During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Sensitivity to shock

No information available..

Sensitivity to static discharge

No information available..

6. ACCIDENTAL RELEASE MEASURES**Clean-up methods - small spill**

Soak up excess with absorbent material. Transfer to hood.

Clean-up methods - large spill

Eliminate all sources of ignition. Dike or dam large spills. Ventilate area to maintain exposure below permissible exposure limits. Remove with vacuum trucks or pump to storage vessel. . Soak up excess with absorbent material. Collect run-off water and dispose. Pick up and transfer to properly labelled containers. Notify appropriate state and local agencies.

7. HANDLING AND STORAGE**Handling**

Use only according to label directions. Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used. This coating may contain materials classified as nuisance particulates which may be present at hazardous levels only during sanding or abrading of the dried film .

Storage

Keep away from open flames, hot surfaces and sources of ignition. Store large amounts in structures made for OSHA class -other liquids- 1910.106.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Butyl Benzyl Phthalate	-	-	-	-
Toluene	200 ppm	300 ppm	50 ppm	150

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Exhaust fans should be explosion proof or set up in a way that explosive concentrations of solvent vapors are not exposed to electrical fixtures or hot surfaces.

Hygiene measures

No information available. Remove and wash contaminated clothing before re-use.

Other precautions

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Respiratory protection

Use a NIOSH/MSHA respirator unless adequate local exhaust is provided and air testing shows exposure levels are within recommended exposure guidelines.

Hand protection

Nitrile rubber.

Eye protection

Use safety eyewear designed to protect against splash of liquids.

Skin and body protection

No information available

Other Protective Equipment

None under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear
Odor	Slight
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.02219
Boiling point/range °C	110 - 111.67
Boiling point/range °F	230 - 233
Melting point/range °C	-95
Melting point/range °F	-139
Flash point °C	7.2
Flash point °F	45
Vapor pressure	22 @ 68F
Vapor density	>Air
Evaporation Rate	No data available
Water solubility	No data available
Partition Coefficient (n-octanol/water)	No data available
VOC Content	3.75 lbs/gal

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Avoid heat. Avoid open flames.

Materials to avoid

Strong oxidizers.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Various hydrocarbons.

Polymerization

Will not occur.

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)

<i>Butyl Benzyl Phthalate</i> 85-68-7	2330 mg/kg	10 g/kg	
<i>Toluene</i> 108-88-3	636 mg/kg	14100 µL/kg	400 mg/kg 49 g/m ³

Potential health effects

Sensitization	May cause sensitization of susceptible persons.
Chronic toxicity	Prolonged exposure may cause chronic effects..
Mutagenic effects	No information available.
Teratogenic effects	No information available
Reproductive toxicity	No information available
Target Organ Effects	No information available
Carcinogenic effects	See section 11 for toxicological information.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Toluene	A4 - Not Classifiable as a Human Carcinogen				

12. ECOLOGICAL INFORMATION**Aquatic toxicity**Butyl Benzyl Phthalate**Water Flea Data**

water flea EC50=3.0 mg/L (48 h)

Toluene**Microtox Data***Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)**Water Flea Data**

water flea EC50=11.3 mg/L (48 h)

water flea EC50=310 mg/L (48 h)

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT** Adhesives (Toluene,Butyl benzyl phthalate),3,UN1133,PG II,RQ**TDG**

ADHESIVES(Toluene), Class 3,UN1133,PG II

IMDG/IMO

Adhesives(Toluene),UN1133,PG II

IATA

Adhesives(Toluene),UN1133,PG II

MEX

UN1133 Adhesivos(Toluene),3,

15. REGULATORY INFORMATION**Chemical Name US EPA SARA 313 Emission Reporting**

Toluene Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Butyl Benzyl Phthalate	Not Listed	Listed	Not Listed
Toluene	Not Listed	Listed	Developmental

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Butyl Benzyl Phthalate	X	X	-	X
Toluene	X	X	-	X

CPRC

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**NFPA**

Health 3

Flammability 3

Reactivity 0

HMIS

Health - 3

Flammability - 3

Physical Hazard - 0

Reason for revision

No information available.

Prepared By

Regulatory Department.

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.