

# KIT, EMERGENCY S.O.S., PUNCTURE SEAL

Product: SD852  
Revision Date: 2014/01/31

## Section 1: PRODUCT INFORMATION

**Chemical family:** Mixture.

**Product uses:** Chemical.

**Manufacturer:** Radiator Specialty Company  
600 Radiator Road  
P.O Box 159  
Indian Trail, NC 28079.

**Manufacturer emergency phone number:** 303-623-5716 collect.

**Information phone number:** 704-684-1811

**Supplier:** Same as manufacturer.

**TDG classification:** CONSUMER COMMODITY, ORM-D.

**WHMIS classification:**

A, D2B.



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**Supplier MSDS date:** 2014/01/31.

**Product name:** Puncture Seal Instant Tire Repair

## Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
107-21-1	1-5	ETHYLENE GLYCOL	100 MG/M3 (CL)	4700 MG/KG RAT ORAL  5500 MG/KG MOUSE ORAL  9530 UL/KG RABBIT DERMAL	NOT AVAILABLE
111-76-2	10-30	2-BUTOXY ETHANOL	20 PPM	250 MG/KG RAT ORAL  1167 MG/KG MOUSE ORAL  300 MG/KG RABBIT ORAL  220 MG/KG RABBIT DERMAL	450 PPM/4H RAT INHALATION  700 PPM/7H MOUSE INHALATION  3380 MG/M3/7H MOUSE INHALATION  2900 MG/M3/7H RAT INHALATION
1336-21-6	0.1-1	AMMONIA SOLUTION	NOT AVAILABLE	350 MG/KG RAT ORAL	NOT AVAILABLE
811-97-2	10-30	1,1,1,2-TETRAFLUOROETHANE	NOT AVAILABLE	NOT AVAILABLE	1,500,000 MG/M3/4H RAT INHALATION  1,700,000 MG/M3/2H MOUSE INHALATION
9003-20-7	3-7	POLY (VINYL ACETATE)	NOT AVAILABLE	> 25,000 MG/KG RAT ORAL	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).  
CAS# 1336-21-6: TLV 25 ppm (supplier).  
CAS# 811-97-2 TLV 1000 ppm.

## Section 3: PHYSICAL DATA

**Physical state:** Liquid (aerosol).  
**Appearance & odor:** Slight ammonia odor.  
White milky liquid.  
**Odor threshold (ppm):** Not available.  
**Vapour pressure (mmHg):** Not available.  
**Vapour density (air=1):** >1  
**Evaporation rate (butyl acetate = 1):** 0.2  
**Boiling point (°C):** 212F (100C)  
**Freezing point (°C):** -0.5  
**pH:** 10.2-11.6  
**Specific gravity @ 20 °C:** (water = 1).  
1.00  
**Solubility in water (%):** Soluble.  
**Coefficient of water/oil dist.:** Not available.  
**VOC:** 15.64%

## Section 4: FIRE & EXPLOSION DATA

**Flammability:** Not flammable.  
**Conditions of flammability:** Surrounding fire.  
**Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water fog.  
**Special procedures:** Wear a positive-pressure, self-contained breathing apparatus and full protective equipment.  
**Auto-ignition temperature (°C):** Not available.  
**Flash point (°C), method:** None  
**Lower flammability limit (% vol):** Not applicable.  
**Upper flammability limit (% vol):** Not applicable.  
**Explosion Data**  
**Sensitivity to static discharge:** Not available.  
**Sensitivity to mechanical impact:** Contents under pressure.

**Hazardous combustion products:** Oxides of carbon (CO, CO<sub>2</sub>).  
Oxides of nitrogen (NO<sub>x</sub>).  
Halogen acids.

**Explosive power:** Container explosion may occur when heated.

#### Section 5: REACTIVITY DATA

**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** Contact with incompatible substances.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Strong acids.  
Strong oxidizers.

**Hazardous decomposition products:** See hazardous combustion products.

#### Section 6: TOXICOLOGICAL PROPERTIES

**Route of entry:** Skin absorption.  
Inhalation and ingestion.

Effects of acute exposure

**Eye contact:** May cause irritation.  
Harmful in contact with eyes.

**Skin contact:** May cause irritation and defatting.

**Skin absorption:** May be absorbed through the skin.

**Inhalation:** May cause headache and nausea.  
May cause nose and throat irritation.

**Ingestion:** May cause nausea.  
May cause irritation.  
May cause gastric disturbances.

**Effects of chronic exposure:** Contains an ingredient which may be corrosive.

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Not available.

**Reproductive effects:** Not available.

**Teratogenicity:** Effects have been reported in animals.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:** Wear protective gloves.

**Respiratory/Type:** If TLV is exceeded.  
Wear a NIOSH approved respirator.

**Eye/Type:** Safety glasses.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.  
Apron

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** To maintain exposure below TLV.  
Adequate ventilation.

**Leak/Spill:** Eliminate all sources of ignition.  
Contain the spill.  
Absorb with inert material.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Scoop up and place in appropriate container.  
Neutralise with sodium bicarbonate.  
Rinse away trace residues.  
Notify the appropriate authorities as required.

**Waste disposal:** Recycle waste where applicable.  
Dispose of all waste in accordance with Local, State, and Federal regulations.

**Handling procedures and equipment:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Wash thoroughly after handling.  
Keep out of reach of children.  
Avoid contact with skin, eyes and clothing.  
Do not puncture, incinerate, or burn.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store away from incompatible materials.  
Keep away from ignition sources.  
Store in a cool, dry and well ventilated area.  
Do not store above 49°C (120°F).

**TDG classification:** CONSUMER COMMODITY, ORM–D.

**Special shipping information:** See transportation information.

## Section 8: FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing.  
Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

**Inhalation:** Remove victim to fresh air.  
If breathing is difficult, obtain immediate medical attention.

**Ingestion:** Obtain immediate medical attention.  
Never give anything by mouth to an unconscious person.  
Drink water or milk.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

<b>Section 9: ADDITIONAL INFORMATION</b>
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**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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