

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing Date 03/17/2006

Revision Number 1

Reviewed on 09/15/2004

1 Identification of substance

· **Product details**

· **Trade name:** DC13300 SILAPRENE ADHESIVE

· **Article number:** 13300

· **Manufacturer/Supplier:**

Royal Adhesives And Sealants, LLC
2001 W. Washington Street
South Bend IN 46628-2023

· **Information department:** Environment protection department.

· **Emergency information:**

ChemTrec: UNITED STATES 1(800)424-9300 INTERNATIONAL 202-483-7616

2 Composition/Data on components

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

106-94-5	1-bromopropane	86.0%
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· **Additional information:** For the wording of the listed risk phrases refer to section 15.

3 Hazards identification

· **Hazard description:** Not applicable.

· **Information pertaining to particular dangers for man and environment:**

Harmful by inhalation.

· **Classification system:**

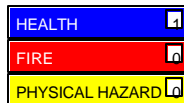
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 0
Physical Hazard = 0

USA

(Contd. on page 2)

Material Safety Data Sheet

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(Contd. of page 1)

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4 First aid measures

- **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:** Overexposure, remove to fresh air and seek medical attention.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Seek medical treatment.

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5 Fire fighting measures

- **Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water and water with full jet
- **Protective equipment:** Protective clothing and respiratory protective device.

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6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

- **Measures for environmental protection:**

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

- **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste in accordance with federal state and local regulations.

Ensure adequate ventilation.

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7 Handling and storage

- **Handling:**

- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Keep receptacle tightly sealed.

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8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

106-94-5 1-bromopropane

TLV 50 mg/m³, NIC-10 ppm

(Contd. on page 3)

- USA -

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Trade name: DC13300 SILAPRENE ADHESIVE

(Contd. of page 2)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment (see listings below)**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:**
In the absence of adequate ventilation, NIOSH-certified respiratory protection for organic vapor should be used as necessary. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:** Protective gloves
- **Eye protection:** Safety glasses with side shields.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form:	Liquid
Color:	Amber colored
Odor:	Characteristic

· Change in condition

Melting point:	Undetermined.
Boiling point:	Undetermined.

Flash point:	Not applicable.
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Ignition temperature:	490.0°C (914°F)
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Auto igniting:	Product is not selfigniting.
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Danger of explosion:	Product does not present an explosion hazard.
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Vapor pressure at 20°C (68°F):	140.0 hPa (105 mm Hg)
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Specific gravity:	1.30
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· Solubility in / Miscibility with

Water:	Not miscible or difficult to mix.
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· Solvent content:

Organic solvents:	86.0 %
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Solids content:	14.0 %
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Additional information:	"NOTICE: This product does not comply with the requirements of Rule 1168 of California's South Coast Air Quality Management District". VOC: = 1121 G/L OR 9.33 LBS WEIGHT PER GALLON: = 10.85 LBS
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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.

(Contd. on page 4)

USA

Material Safety Data Sheet

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Reviewed on 09/15/2004

Trade name: DC13300 SILAPRENE ADHESIVE

(Contd. of page 3)

- **Dangerous reactions** Strong oxidizers, amines, reactive metals, acids and bases.
- **Dangerous products of decomposition:**
Oxides of carbon, various hydrocarbon, and hydrogen bromide under burning conditions.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
- **Sensitization:** Sensitizing effect through inhalation is possible with prolonged exposure.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation:**
Disposal must be made according to official regulations.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **DOT regulations:** NON REGULATED

15 Regulations

- **Sara**

· Section 355 (extremely hazardous substances):
None of the ingredients is listed.
· Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.
· TSCA (Toxic Substances Control Act):
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

(Contd. on page 5)

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(Contd. of page 4)

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

· (DSL) Canada Domestic Substance List

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Product related hazard informations:

Observe the general safety regulations when handling chemicals.

The product has been classified and marked in accordance with directives on hazardous materials.

· Risk phrases:

Harmful by inhalation.

· National regulations:

· Water hazard class: Generally not hazardous for water.

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16 Other information

Although the information and recommendations set forth in this MSDS are presented in good faith and are believed to be correct as of the date of this MSDS, Royal Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Royal Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the MSDS.

· Department issuing MSDS: Environment protection department.

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