

## Safety Data Sheet acc. to OSHA HCS

Printing Date 10/17/2018

Revision Number 8

Revision Date 10/17/2018

### 1 Identification

- **Product identifier**
- **Trade name:** 12724 SILAPRENE ALL WEATHER SEALANT
- **Article number:** 12724
- **Relevant identified uses of the substance or mixture.**  
Industrial Use Only.  
Sealant
- **Application of the substance / the mixture** Sealant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Royal Adhesives And Sealants, LLC  
2001 W. Washington Street  
South Bend IN 46628-2023  
Information Phone Number: 574-246-5000
- **Information department:** Global Regulatory Department.
- **Emergency telephone number:**  
ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.  
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Danger

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- **Hazard statements**

Highly flammable liquid and vapor.  
Causes skin irritation.  
May cause drowsiness or dizziness.  
May be fatal if swallowed and enters airways.

- **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If swallowed: Immediately call a poison center/doctor.  
Specific treatment (see on this label).  
Do NOT induce vomiting.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center/doctor if you feel unwell.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation occurs: Get medical advice/attention.  
In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

6 % of the mixture consists of component(s) of unknown toxicity.

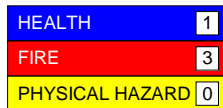
- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1  
Fire = 3  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1  
Fire = 3  
Physical Hazard = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.  
· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

· **Chemical characterization:** Mixtures  
· **Description:** Mixture

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**· Hazardous components:**

64742-49-0	CAS 64742-49-0 Naphtha, petroleum, hydrotreated light, low boil	25-50%
13463-67-7	titanium dioxide	2.5-10%

### 4 First-aid measures

**· Description of first aid measures**
**· After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**· After swallowing:** Do not induce vomiting; immediately call for medical help.

**· Information for doctor:**

**· Most important symptoms and effects, both acute and delayed** No further relevant information available.

**· Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

**· Extinguishing media**
**· Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

**· Advice for firefighters**

**· Protective equipment:** Protective clothing and respiratory protective device.

### 6 Accidental release measures

**· Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

**· Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**· Methods and material for containment and cleaning up:**

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

Ensure adequate ventilation.

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

**· Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**· Protective Action Criteria for Chemicals**
**· PAC-1:**

None of the ingredients is listed.

**· PAC-2:**

None of the ingredients is listed.

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· **PAC-3:**

None of the ingredients is listed.

### 7 Handling and storage

· **Handling:**· **Precautions for safe handling**

Open and handle receptacle with care.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Keep container closed when not in use.

· **Conditions for safe storage, including any incompatibilities**· **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:** Store away from oxidizing agents.· **Further information about storage conditions:** Keep receptacle tightly sealed.· **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

**13463-67-7 titanium dioxide**

PEL	Long-term value: 15* mg/m <sup>3</sup> *total dust
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REL	See Pocket Guide App. A
-----	-------------------------

TLV	Long-term value: 10 mg/m <sup>3</sup>
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· **Additional information:** The lists that were valid during the creation were used as basis.· **Exposure controls**· **Personal protective equipment (see listings below)**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

· **Breathing equipment:**

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

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## · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

## · Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

## · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses with side shields.

· **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

Form: Paste

Color: Light grey

· Odor: Characteristic

· Odor threshold: Not determined.

· pH-value: Not determined.

#### · Change in condition

Melting point: Undetermined.

Boiling point: 122-144 °C (251.6-291.2 °F)

· Flash point: 14-18 °C (57.2-64.4 °F)

· Ignition temperature: Not determined

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

#### · Flammable limits:

Lower: Not determined

Upper: Not determined

· Specific gravity: 1.170

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined

#### · Solubility in / Miscibility with

Water: Not determined.

#### · Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

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- **Solvent content:**
  - Organic solvents:** Not available
- **Solids content:** 66.4 %
- **Other information**
  - VOC: = 3.10 lb/gal OR 372 GRAMS/L
  - Weight per gallon: = 9.23 LBS/GAL

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Heat, flames, sparks.
- **Incompatible materials:**
  - Reacts with oxidizing agents.
  - Reacts with acids.
  - Reacts with alkalis (bases)
- **Hazardous decomposition products:**
  - Carbon monoxide and carbon dioxide
  - Nitrogen oxides

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Skin irritant.
- **on the eye:**
  - May irritate the eye.
  - Vapors may be irritating to the eyes.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
  - 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.
- **Carcinogenic categories**

### · IARC (International Agency for Research on Cancer)

14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	3
13463-67-7	titanium dioxide	2B

### · NTP (National Toxicology Program)

None of the ingredients is listed.

### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

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- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** At present there are no ecotoxicological assessments.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- |                                  |                   |
|----------------------------------|-------------------|
| · <b>UN-Number</b>               |                   |
| · <b>DOT, IMDG, IATA</b>         | UN1133            |
| · <b>UN proper shipping name</b> |                   |
| · <b>DOT</b>                     | Adhesives         |
| · <b>IMDG</b>                    | ADHESIVES         |
| · <b>IATA</b>                    | ADHESIVES mixture |

- **Transport hazard class(es)**

- **DOT**



- |                |                     |
|----------------|---------------------|
| · <b>Class</b> | 3 Flammable liquids |
| · <b>Label</b> | 3                   |

- **IMDG, IATA**



- |                |                     |
|----------------|---------------------|
| · <b>Class</b> | 3 Flammable liquids |
| · <b>Label</b> | 3                   |

- |                          |    |
|--------------------------|----|
| · <b>Packing group</b>   |    |
| · <b>DOT, IMDG, IATA</b> | II |

- |                                 |                        |
|---------------------------------|------------------------|
| · <b>Environmental hazards:</b> |                        |
| · <b>Special marking (ADR):</b> | Symbol (fish and tree) |

- |                                       |                            |
|---------------------------------------|----------------------------|
| · <b>Special precautions for user</b> | Warning: Flammable liquids |
|---------------------------------------|----------------------------|

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· <b>Danger code (Kemler):</b>	33
· <b>EMS Number:</b>	F-E,S-D
· <b>Stowage Category</b>	B
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>DOT</b>	Limited Quantity [DOT ground] - 5 Liters (1.3 gallons) and less (PG III materials) may be classified as LTD. QTY. 49 CFR 173.150 (b) (3)
· <b>IMDG</b>	The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg.
· <b>UN "Model Regulation":</b>	UN 1133 ADHESIVES MIXTURE, 3, II, ENVIRONMENTALLY HAZARDOUS

\*

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- 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.

**· Proposition 65**

Please contact H.B. Fuller for more information regarding Proposition 65 on this product:  
[reg.request@hbfuller.com](mailto:reg.request@hbfuller.com).

**· (DSL) Canada Domestic Substance List**

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

**· New Jersey Right-to-Know List:**

1317-65-3	Limestone
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )
13463-67-7	titanium dioxide

**· New Jersey Special Hazardous Substance List:**

14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	CA
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**· Pennsylvania Right-to-Know List:**

1317-65-3	Limestone
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )
13463-67-7	titanium dioxide

**· Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

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**· Cancerogenity categories**
**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**· TLV (Threshold Limit Value established by ACGIH)**

14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	A4
13463-67-7	titanium dioxide	A4

**· MAK (German Maximum Workplace Concentration)**

14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	3B
13463-67-7	titanium dioxide	3A

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

13463-67-7	titanium dioxide	
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**· National regulations:**
**· Water hazard class:** Water hazard class 3 (Self-assessment): extremely hazardous for water.

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, 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 SDS.

**· Department issuing SDS:**

Global Regulatory Department.

reg.request@hbfuller.com

**· Creation Date:** 10/17/2018

**· Contact:**

Please contact H.B. Fuller for more information regarding Proposition 65 on this product:

reg.request@hbfuller.com .

**· Date of preparation / last revision** 10/17/2018 / 7

**· Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety &amp; Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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*Flam. Liq. 2: Flammable liquids – Category 2**Skin Irrit. 2: Skin corrosion/irritation – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Asp. Tox. 1: Aspiration hazard – Category 1*

USA



H.B. Fuller



**ROYAL**  
ADHESIVES & SEALANTS

**Silaprene®**

ISO 9001:2000 6/29/05

## TECHNICAL SALES BULLETIN

### SILAPRENE® DC12724 ALL WEATHER SEALANT

SILAPRENE DC12724 (Self Leveling) All Weather Sealant is a HAPS free one-part solvent release product that combines excellent weather, UV and ozone resistance with ease of application to provide a long service life. All Weather Sealant is a high quality, high solids elastomeric sealant that provides superior surface adhesion to a variety of surfaces.

#### DESIGNED TO SEAL:

1. All kinds of metal, including galvanized.
2. Wood, particleboard and plywood.
3. EPDM and other kinds of rubber.
4. Thermoplastics, such as ABS, styrene and polyolefins.
5. Thermoset plastics like phenolic, polyurethane, polyesters and epoxies.
6. Fiberglass and other fiber reinforced plastics.
7. Concrete, masonry and glass.

#### PHYSICAL CHARACTERISTICS:

1. Extrusion or trowel application.
2. Fast drying . tack free in less than one hour
3. Flexible seals to most materials.
4. Outstanding resistance to water and moisture.
5. Resists cracking, chipping and peeling.
6. Requires no mixing, priming or heating.
7. Dried sealant is paintable
8. Exceptional weatherability.
9. Shelf life: 1 year at temperatures not to exceed 80°F.
10. HAPS Free formulation.
11. Self Leveling

#### TYPICAL PROPERTIES:

(Specification values available on request)

Base:	EPDM rubber
Color:	Dove Gray
Solvent:	Naphtha
Solids:	70%
Viscosity:	Paste extrusion grade (Self Leveling)
Weight/gallon:	9.90 pounds
Specific Gravity:	1.19
Temperature range:	-65°F to 210°F

#### PREPARATION OF SUBSTRATES:

Surfaces to be bonded should be cleaned of all dust, oils or other contaminants. A solvent wipe is often adequate. Bonds to rigid surfaces are usually improved by a solvent wipe followed with light abrasion (180 grit) and solvent wiping to remove abrasive residue. Dry surfaces thoroughly before applying sealant.

#### METHOD OF APPLICATION:

All Weather Sealant can be applied by ordinary caulking guns or pressure pumping equipment. Pumping equipment should be of the follower-plate type and have a pump ratio of at least 35:1. Aro, Binks, Devilbiss, Graco and Lincoln all produce satisfactory equipment for handling this material. Apply a bead of Adhesive/Sealant to surface at temperatures above 40°F. The applied bead will shrink approximately 30%, so no tooling is necessary for most applications. The bead surface will be tack free in 15-45 minutes, depending on ambient conditions.

#### CLEANER AND THINNER:

Naphtha

#### PRECAUTIONARY DATA:

This product is extremely flammable. Vapors may form an explosive mixture with air. Precautions should be taken to keep product away from fire, sparks, motors and other sources of heat or flame. Turn off or deactivate any electrical equipment or sources of ignition. Adequate ventilation is required to keep vapor concentrations below the Threshold Limit Value.

- For professional or industrial use only.
- Read the container label and the Safety Data Sheet carefully before use.
- Keep away from children.
- Keep container closed when not in use
- Store closed container under 80°F.

#### DISPOSAL INFORMATION:

Do not reuse container or remove label. Safely dispose of container and contents in accordance with applicable Federal, State and local regulations.