

* Section 1. Identification

Product identifier

- **Trade name:** RPI Royal Edge Pourable Sealer A
- **Product Code:** PSA
- **Relevant identified uses of the substance or mixture:** Construction

Details of the supplier of the safety data sheet

- **Manufacturer/Supplier:**
Roofing Products International, Inc.
57460 Dewitt St.
Elkhart, IN 46517-1078
- **Information department:** Technical Services Department

Emergency telephone number

ChemTrec: UNITED STATES 1(800)424-9300 INTERNATIONAL 703-527-3887

* Section 2. Hazard(s) identification

Classification of the substance or mixture

The product does not meet the criteria for classification as hazardous under the GHS and 29 CFR 1910.1200.

Label elements

GHS label elements: Void

Hazard pictograms: Void

Signal Word: Void

Hazard statements: Void

Classification system

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



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

HEALTH	1	Health = 1
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 0

Other hazards

May result in irritation to skin and eyes. May result in respiratory irritation.

Ingestion: May result in gastric disturbances.

- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

* Section 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture

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Hazardous components:	CAS Number
Quartz (SiO ₂)	69102-90-5 <0.5%

- **Additional information:** This product is export controlled. Refer to section 14.

* **Section 4. First-aid measures**

Description of first aid measures

- **General information:**
Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended.
- **After inhalation:**
Remove victim to area of fresh air and seek medical attention. Supply fresh air. If required, provide artificial respiration. If breathing is difficult, give oxygen. Call a doctor immediately.
- **After skin contact:**
Remove contaminated clothing and immediately wash affected area with soap and water. Rinse affected area with clean water for 15 minutes. Wash clothing before reuse.
- **After eye contact:**
Rinse opened eye for several minutes under clean running water. If eye is irritated, Contact a physician.
- **After swallowing:**
Call a poison center or physician. Remove any dentures. Wash out mouth with clean water. Drink 1 - 2 glasses of water but do not induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If vomiting occurs the head should be kept low to prevent vomit from entering lungs. If unconscious, place in recovery position and get immediate medical attention. Do not give anything by mouth to an unconscious person. Maintain an open airway. Loosen tight clothing to provide unrestricted breathing.

Information for Physician

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.
- **Specific treatments:**
Treat symptomatically and supportively.
- **Protection of first aiders**
No further relevant information available.

* **Section 5. Fire-fighting measures**

Extinguishing media

- **Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Use water spray to fight large fires.
- **Special hazards arising from the substance or mixture:** No further relevant information available.

Advice for firefighters

- *Wear protective clothing and a respiratory device.*
- **Additional information**
Cool endangered receptacles with water spray.

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*** Section 6. Accidental release measures**

Personal precautions, equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

• Environmental precautions:

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

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/surface or ground water.

• Methods and material for containment and cleaning up:

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

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

Ensure adequate ventilation.

Reference to other sections

Wash contaminated area with soap and water to prevent slips.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

*** Section 7. Handling and storage**

Handling

• Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Wear personal protective equipment.

Open and handle receptacle with care.

Avoid contact with eyes.

Avoid repeated or prolonged contact with skin.

Prevent the formation of aerosols.

Information about protection against explosions and fires

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

• Requirments 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 relevent information available.*

Advice on general occupational hygiene

Do not eat, drink, or smoke in areas where this product is being handled, stored, or processed.

Workers should wash face and hands before eating, drinking or smoking.

Remove protective clothing and equipment before entering eating areas.

*** Section 8. Exposure controls/personal protection**

Additional information about design of technical systems:

Control parameters

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

Components with limit values that require monitoring at the workplace:

Name of Ingredients	CAS Number	Exposure Limits
Quartz (SiO ₂) (≤0.5%)	14808-60-7	PEL REL TLV See Quartz listing Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App.A Long-term value: 0.025*mg/m ³ *as respirable fraction

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Additional information: Local exhaust is recommended.

Exposure controls

Personal protective equipment (see listings below)

- **General protection and hygiene**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Store protective clothing separately.

- **Breathing equipment:** Not required.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance and the preparation. Check with glove manufacturer for data regarding chemical resistance.

Material of gloves:

Nitrile rubber, NBR

Butyl rubber, BR

Chloroprene rubber, CR

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and therefore has to be checked prior to the application.

- **Penetration time of glove material:**

The exact break through time is established by the manufacturer and must be observed.

- **Eye protection:**

Safety glasses with side shields

Body protection:

Protective work clothing.

* **Section 9. Physical and chemical properties**

Information on basic physical and chemical properties

General Information

- **Appearance:**

Form: Liquid

Color: White

Odor: Characteristic

Odor Threshold: Not determined

pH-value: Not determined

Change in condition

- **Melting point/Melting Range** Undetermined.

- **Boiling point/Boiling Range** Undetermined

- **Flash point:** >196° C (>385° F)

- **Ignition Temperature:**

- **Auto igniting:** Product is not self igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Flammable limits:**

Lower: Not determined

Upper: Not determined.

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• Specific gravity at 20° C (68° F)	1.25 g/cm ³ (10.431 lbs/gal)
• Relative density:	Not determined.
• Vapor density:	Not determined.
• Evaporation rate:	Not determined.
• Partition coefficient	
(n-octanol/water: gravity:	Not determined.
(n-octanol/water: gravity:	Not determined.
• Solubility in / Miscibility with Water:	Insoluble.
Viscosity	
• Dynamic:	Not determined
• Kinematic:	Not determined
• Solvent content:	
• VOC (Per EPA 24)	Not available GMS/L
• Solids content:	100.0%
Other information	No further relevant information available.

* **Section 10. Stability and reactivity**

Reactivity

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:**
Exposure to high temperatures, open flames, and sparks.
Do not pressurize, cut, weld, braze, drill, or grind on containers.
- **Incompatible materials:**
Reacts with oxidizing agents.
- **Hazardous Decomposition products:**
Carbon monoxide and carbon dioxide.
Hydrocarbons
1,3 butadiene

* **Section 11. Toxicological information**

Information on toxicological effects

Acute toxicity

• LD/LC50 values that are relevant for classification			
101-68-8 4,4'-methylenediphenyl diisocyanate			
Oral	LD50	2200 mg/kg (rat)	
26761-40-0 di-isodecyl" phthalate		LD50	>7426 mg/kg (guinea pig)
Oral	LD50	64000 mg/kg (rat)	32000 ppm (rat)

Primary irritant effect

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect

Sensitization

- No sensitizing effects known.

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Additional toxicological information

*This product is not subject to classification according to the internally approved methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and information provided to us.*

Carcinogenic categories

IARC (International Agency for Research on Cancer)		
14808-60-7	Quartz (SiO ₂)	1
100-40-3	4- vinylcyclohexene	2B
113-18-02	zeolite	3
NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	K
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

Section 12. Ecological information

Toxicity

- **Aquatic toxicity:** No further relevant information is available
- **Persistence and degradability:** No further information is available.

Behavior in environmental systems

- **Bioaccumulative potential:** No further relevant information is available.
- **Mobility in soil:** No further relevant information is 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.

* **Section 13. Disposal considerations**

Wastetreatment methods

- **Recommendation:**
Must be specially treated adhering to official regulations.

Unclean packagings:

- **Recommendation:**
Disposal must be made according to official regulations.

* **Section 14. Transportation information**

UN-Number

- **DOT, ADR, ADN, IMDG, IATA** Not regulated

UN proper shipping name

- **DOT, ADR, ADN, IMDG, IATA** Not regulated

Transport hazard class(es)

- **DOT, ADR, ADN, IMDG, IATA** Not regulated

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• Class	Not regulated
Packing group DOT, ADR, ADN, IMDG, IATA	Not regulated
• Environmental hazards:	Not applicable
• Special precautions for user:	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
Transport/Additional information:	Export Controlled: This product and Technical Data Sheets are export controlled Export is strictly prohibited unless authorized the the United States Government.
UN "Model Regulation":	Not Applicable

* Section 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		
• Chemicals known to cause cancer:		
100-40-3	4-vinylcyclohexene	
• Chemicals known to cause reproductive toxicity:		
100-40-3	4-vinylcyclohexene	
• Chemicals known to cause developmental 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.		
• New Jersey Right-to-Know List		
14808-60-7	Quartz (SiO2)	
100-40-3	4-vinylcyclohexene	
• New Jersey Special Hazardous Substance List		
14808-60-7	Quartz (SiO2)	CA
100-40-3	4-vinylcyclohexene	CA, F3, R2
• Pennsylvania Right-to-Know List		
14808-60-7	Quartz (SiO2)	
100-40-3	4-vinylcyclohexene	
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• **Pennsylvania Special Hazardous Substance List**

None of the ingredients is listed.

Cancerogenity categories

• **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

14808-60-7	Quartz (SiO ₂)	A2
100-40-3	4-vinylcyclohexene	A3

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

14808-60-7	Quartz (SiO ₂)	1
100-40-3	4-vinylcyclohexene	2

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

14808-60-7	Quartz (SiO ₂)	
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• **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

National regulations

- **Water hazard class:** Water hazard class 2 (Self-assessment): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

Other regulations, limitations and prohibitive regulations

Export controlled: This product and Technical Data Sheets are export controlled. Export is strictly prohibited unless authorized the United States Government.

*** Section 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, Roofing Products International, Inc. 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 Roofing Products International, Inc. 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:** Technical Services Department
- **Creation Date:** 03/28/2003
- **Date of preparation:** 12/15/2016
- **Last revision:** Format update
- **Abbreviations and acronyms:**
 RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulation Concerning the International Transport of Dangerous Goods by Rail)
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 ICAO: International Civil Aviation Organization
 IMDG: International Maritime Code for Dangerous Goods
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 DOT: US Department of Transportation
 ACGIH: American Conference of Governmental Industrial Hygienists
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 LD50: Lethal dose, 50 percent
 LC50: Lethal concentration, 50 percent
 BEI: Biological Exposure Limit
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit
 PBT: Persistent, Bioaccumulative and Toxic

End of SDS