## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier
- **Product form**: Mixture
- **Trade name**: RCS 6000 Acrylic Clear Sealant
- **Product code**: RCS 6000 Roof Shingle Sealer

### 1.2. Relevant identified uses of the substance or mixture and uses advised against
- **Use of the substance/mixture**: Use to seal, protect and preserve roof shingles to extend the life of the roof.

### 1.3. Details of the supplier of the safety data sheet
- Lapolla Industries, Inc.
  - 15402 Vantage Parkway East, Ste. 322
  - Houston, Texas 77032
  - Tel: +1 281 219 4100, (877) 636-2648
  - Email: sds@lapolla.com

### 1.4. Emergency telephone number
- **Emergency number**: CARECHEM (866) 928-0789

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture
- **GHS-US classification**
  - Skin Sens. 1: H317
  - Carc. 1B: H350
- **Full text of H-statements**: see section 16

### 2.2. Label elements
- **GHS-US labelling**
- **Hazard pictograms (GHS-US)**: ![GHS07](image) ![GHS08](image)
- **Signal word (GHS-US)**: Danger
- **Hazard statements (GHS-US)**: H317 - May cause an allergic skin reaction
  - H350 - May cause cancer
- **Precautionary statements (GHS-US)**: P201 - Obtain special instructions before use
  - P202 - Do not handle until all safety precautions have been read and understood
  - P261 - Avoid breathing mist, spray, vapours
  - P272 - Contaminated work clothing must not be allowed out of the workplace
  - P280 - Wear eye protection, protective gloves
  - P302+P352 - If on skin: Wash with plenty of water
  - P308+P313 - If exposed or concerned: Get medical advice/attention
  - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
  - P362+P364 - Take off contaminated clothing and wash it before reuse
  - P405 - Store locked up
  - P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

### 2.3. Other hazards
- **Other hazards which do not result in classification**: May cause eye irritation. May cause irritation to the respiratory tract.

### 2.4. Unknown acute toxicity (GHS-US)
- **Not applicable**

## SECTION 3: Composition/information on ingredients

### 3.1. Substance
- **Not applicable**
3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum, solvent-dewaxed heavy paraffinic</td>
<td>(CAS No) 64742-65-0</td>
<td>0.1 - 0.5</td>
<td>Carc. 1B, H350</td>
</tr>
</tbody>
</table>
| 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- | (CAS No) 64359-81-5      | 0.02 - 0.21 | Skin Corr. 1B, H314  
                                 |                          |       | Eye Dam. 1, H318  
                                 |                          |       | Skin Sens. 1, H317  |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). May cause cancer.

First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Inhalation may cause irritation, cough, short breathing.

Symptoms/injuries after skin contact : May cause moderate irritation. This product contains small amounts of an ingredient which has been reported to cause skin sensitization reactions in humans and guinea pigs. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : May cause moderate irritation, including burning sensation, tearing, redness or swelling.

Symptoms/injuries after ingestion : Abdominal pain, nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Material can spatter above 100° C (212° F). Dried product can burn. On combustion forms: Carbon dioxide. Carbon monoxide.

Explosion hazard : No direct explosion hazard.

Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear protective clothing as described in Section 8 of this safety data sheet.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8 : Exposure-controls/personal protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
RCS 6000 Acrylic Clear Sealant
Safety Data Sheet
according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection. For disposal of residues refer to section 13 : Disposal considerations”.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing vapours, spray, mist. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Protect from freezing. Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min at the point of vapour evolution.


Hand protection: Wear suitable gloves resistant to chemical penetration.

Eye protection: Chemical goggles or safety glasses. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

Respiratory protection: Wear appropriate mask. If the occupational exposure limit is exceeded: Wear a NIOSH approved amine and ammonia respiratory cartridge or NIOSH approved air supplied breathing equipment.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Clear to hazy

Odour: characteristic

Odour threshold: No data available

pH: 8.5 - 9.5

Melting point: No data available

Freezing point: No data available
Boiling point: 212 °F
Flash point: 240 °F
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): No data available
Explosive limits: No data available
Explosive properties: No data available
Oxidising properties: No data available
Vapour pressure: No data available
Relative density: No data available
Relative vapour density at 20 °C: No data available
Density: 1.05
Solubility: Water: Soluble
Log Pow: No data available
Log Kow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

VOC content: 25 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use.

10.2. Chemical stability
Stable at ambient temperature and under normal conditions of use. Hazardous polymerization will not occur.

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
Avoid exposure to temperatures above 150 °F (65.6 °C).

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
On combustion, forms: Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Likely routes of exposure: Ingestion; Inhalation; Skin and eye contact
Acute toxicity: Not classified
(Based on available data, the classification criteria are not met)
## RCS 6000 Acrylic Clear Sealant
### Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pH: 8.5 - 9.5</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pH: 8.5 - 9.5</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause an allergic skin reaction.</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>May cause cancer.</td>
<td></td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
<td>(Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Symptoms/injuries after inhalation</td>
<td>Inhalation may cause irritation, cough, short breathing.</td>
<td></td>
</tr>
<tr>
<td>Symptoms/injuries after skin contact</td>
<td>May cause moderate irritation. This product contains small amounts of an ingredient which has been reported to cause skin sensitization reactions in humans and guinea pigs. May cause an allergic skin reaction.</td>
<td></td>
</tr>
<tr>
<td>Symptoms/injuries after eye contact</td>
<td>May cause moderate irritation, including burning sensation, tearing, redness or swelling.</td>
<td></td>
</tr>
<tr>
<td>Symptoms/injuries after ingestion</td>
<td>Abdominal pain, nausea.</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general: Mixture not tested.

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)</td>
<td>Not established.</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>&gt; 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)</td>
<td></td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**RCS 6000 Acrylic Clear Sealant**

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

**RCS 6000 Acrylic Clear Sealant**

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effect on ozone layer</td>
<td>No additional information available</td>
<td></td>
</tr>
<tr>
<td>Effect on the global warming</td>
<td>No additional information available</td>
<td></td>
</tr>
<tr>
<td>Other information</td>
<td>Avoid release to the environment.</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste disposal recommendations</td>
<td>Dispose in a safe manner in accordance with local/national regulations.</td>
<td></td>
</tr>
<tr>
<td>Ecology - waste materials</td>
<td>Avoid release to the environment.</td>
<td></td>
</tr>
</tbody>
</table>
RCS 6000 Acrylic Clear Sealant
Safety Data Sheet
according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### SECTION 14: Transport information

**Department of Transportation (DOT)**
In accordance with DOT
Not regulated for transport

**Additional information**

**Other information**
No supplementary information available.

**ADR**
No additional information available

**Transport by sea**
No additional information available

**Air transport**
No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

- **Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory

- **3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

**CANADA**
- **Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)**
  - Listed on the Canadian DSL (Domestic Substances List)

- **3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)**
  - Listed on the Canadian NDSL (Non-Domestic Substances List)

**EU-Regulations**
- **Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)**
  - Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

- **3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)**
  - Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

**National regulations**
- **Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)**
  - Listed on the AICS (Australian Inventory of Chemical Substances)
  - Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
  - Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
  - Listed on the Korean ECL (Existing Chemicals List)
  - Listed on NZIoC (New Zealand Inventory of Chemicals)
  - Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

- **3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (64359-81-5)**
  - Listed on the AICS (Australian Inventory of Chemical Substances)
  - Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
  - Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
  - Listed on the Japanese ISHL (Industrial Safety and Health Law)
  - Listed on NZIoC (New Zealand Inventory of Chemicals)
  - Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

#### 15.3. US State regulations
No additional information available
# SECTION 16: Other information

Full text of H-statements:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carc. 1B</td>
<td>Carcinogenicity, Category 1B</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation — Skin, category 1</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
</tbody>
</table>

**SDS US (GHS HazCom 2012)**

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