1 Identification

- Product identifier

- **Trade name:** WLS-10 WHITE LAP SEALANT
- Relevant identified uses of the substance or mixture: Sealant
- Application of the substance / the mixture: Sealant

- Details of the supplier of the safety data sheet

- **Manufacturer/Supplier:**
The Ruscoe Company
485 Kenmore Blvd
Akron, OH 44301
Information phone number: 330-253-8148

- **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. Sol. 1 H228 Flammable solid.

  - [GHS08 Health hazard]
  - Carc. 1B H350 May cause cancer.

  - [GHS07]
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Eye Irrit. 2A H319 Causes serious eye irritation.

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

- **Hazard pictograms**

  - [GHS02 Flame] [GHS07] [GHS08]

- Signal word: Danger
- Hazard statements
  - Flammable solid.

(Contd. on page 2)
3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8</td>
<td>Solvent naphtha (petroleum), light aliph.(VM&amp;P)</td>
<td>25-50%</td>
</tr>
<tr>
<td>1317-65-3</td>
<td>Limestone</td>
<td>5-20%</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>2.5-10%</td>
</tr>
</tbody>
</table>

(Cond. on page 3)
Trade name: WLS-10 WHITE LAP SEALANT

<table>
<thead>
<tr>
<th>EINECS/ELINCS</th>
<th>Substance</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>68953-58-2</td>
<td>organoclay [containing 0-3% quartz CAS 14808-60-7]</td>
<td>2.5-10%</td>
</tr>
<tr>
<td>112945-52-5</td>
<td>Amorphous Silica</td>
<td>1.0%</td>
</tr>
<tr>
<td>1305-78-8</td>
<td>calcium oxide</td>
<td>1.0%</td>
</tr>
<tr>
<td>57-11-4</td>
<td>stearic acid, pure</td>
<td>0.5%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
<td>0.1%</td>
</tr>
</tbody>
</table>

· Additional information:
   It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.

4 First-aid measures

· Description of first aid measures
  · 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 20 minutes under running water. If eye becomes irritated, obtain medical treatment.
  · After swallowing: Seek medical treatment.
  · 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: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
· Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.
· Advice for firefighters
· Protective equipment: Protective clothing and respiratory protective device.

6 Accidental release measures

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

(Contd. on page 4)
7 Handling and storage

- Handling:
- Precautions for safe handling
  - Avoid prolonged or repeated contact with skin.
  - Avoid contact with eyes.
  - Wash thoroughly after handling.
  - Open and handle receptacle with care.
- Information about protection against explosions and fires: Keep container closed when not in use.

- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - 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

- Control parameters

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

    13463-67-7 titanium dioxide
    - PEL: Long-term value: 15* mg/m³ (total dust)
    - REL: See Pocket Guide App. A
    - TLV: Long-term value: 10 mg/m³ withdrawn from NIC

    1305-78-8 calcium oxide
    - PEL: Long-term value: 5 mg/m³
    - REL: Long-term value: 2 mg/m³
    - TLV: Long-term value: 2 mg/m³

    14808-60-7 Quartz (SiO2)
    - PEL: See Quartz listing
    - REL: Long-term value: 0.05* mg/m³ (respirable dust; See Pocket Guide App. A)
    - TLV: Long-term value: 0.025* mg/m³ (as respirable fraction)

- 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.

(Contd. on page 5)
9 Physical and chemical properties

· Information on basic physical and chemical properties
  · General Information
    · Appearance:
      Form: Pasty Solid
      Color: White
      Odor: Petroleum-like
      Odour threshold: Not determined.
    · pH-value: Not determined.
  · Change in condition
    Melting point: Undetermined.
    Boiling point: 104 °C (219 °F)
  · Flash point: 18 °C (64 °F)
  · Flammability (solid, gaseous): Not determined.
  · Ignition temperature:
    Decomposition temperature: Not determined.
    Auto igniting: Product is not selfigniting.
    Danger of explosion: Product is not explosive. However, formation of flammable air/vapor mixtures are possible.

(Contd. on page 6)
### 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**: Heat, flames, sparks, hot surfaces, ignition sources.
- **Incompatible materials**: Reacts with oxidizing agents.
- **Hazardous decomposition products**: No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**:
  - **Primary irritant effect**:
    - **on the skin**: May irritate the skin.
    - **on the eye**: May irritate the eye.
  - **Sensitization**: No sensitizing effects known.
- **Additional toxicological information**:
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
  - 13463-67-7 titanium dioxide 2B
  - 14808-60-7 Quartz (SiO2) 1
- **NTP (National Toxicology Program)**
  - 14808-60-7 Quartz (SiO2) K

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*Trade name: WLS-10 WHITE LAP SEALANT*
12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Not expected to be harmful to aquatic organisms
- **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:**
    Small amounts can be disposed of with household waste after the product has cured or skinned over. Larger quantities should be disposed of according to state and local regulation.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**
  - DOT, ADR, IMDG, IATA UN1325
- **UN proper shipping name**
  - DOT Flammable solids, organic, n.o.s.
  - ADR 1325 Flammable solids, organic, n.o.s.
  - IMDG, IATA FLAMMABLE SOLID, ORGANIC, N.O.S.
- **Transport hazard class(es)**
  - DOT, ADR, IMDG, IATA 4.1 Flammable solids, self-reactive substances and solid desensitised explosives
- **Packing group**
  - DOT, ADR, IMDG, IATA II
- **Environmental hazards:**
  - Not applicable.
- **Special precautions for user**
  - Warning: Flammable solids, self-reactive substances and solid desensitised explosives

(Contd. on page 8)
### 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:**
    - Solvent naphtha (petroleum), light aliph.(VM&P) 64742-89-8
    - Titanium dioxide 13463-67-7
  - **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.
  - **TLV (Threshold Limit Value established by ACGIH)**
    - Titanium dioxide 13463-67-7 A4
    - Quartz (SiO2) 14808-60-7 A2
  - **MAK (German Maximum Workplace Concentration)**
    - Titanium dioxide 13463-67-7 3A
    - Quartz (SiO2) 14808-60-7 1
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    - Titanium dioxide 13463-67-7
    - Quartz (SiO2) 14808-60-7
- **National regulations:**
  - **Information about limitation of use:** Use by properly trained workers recommended.
  - **Water hazard class:** Generally not 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, The Ruscoe Company 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 The Ruscoe Company 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:** Environment protection department.
· **Creation Date:** 04/19/2014
· **Date of preparation / last revision** 03/10/2015
· **Abbreviations and acronyms:**
  - 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)
  - Flam. Sol. 1: Flammable solids, Hazard Category 1
  - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  - Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
  - Carc. 1B: Carcinogenicity, Hazard Category 1B