



Revision Number: 004.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LPG 280ML JHQDMAX 335SLNCLY12SC  
**Product use:** Sealant  
**Company address:** Henkel Canada Corporation  
2515 Meadowpine Boulevard  
Mississauga, Ontario L5N 6C3

**IDH number:** 1869845  
**Region:** Canada  
**Contact information:**  
Telephone: 800.624.7767  
MEDICAL EMERGENCY Phone: Poison Control Center  
1-877-671-4608 (toll free) or 1-303-592-1711  
TRANSPORT EMERGENCY Phone: CHEMTREC  
1-800-424-9300 (toll free) or 1-703-527-3887

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**Physical state:** Liquid  
**Color:** Various  
**Odor:** Alcohol

**WHMIS hazard class:** D.2.A, D.2.B

**WARNING:** PROLONGED OR REPEATED CONTACT WITH UNCURED SEALANT MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Inhalation, Skin contact, Eye contact

**Potential Health Effects**

**Inhalation:** May be harmful if inhaled. Methanol is released during application and cure, which may affect the nervous system causing dizziness, headache or nausea.  
**Skin contact:** Prolonged or repeated contact with uncured sealant may cause skin irritation.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation. Symptoms include itching, burning, redness and tearing.  
**Ingestion:** Harmful if swallowed. Not expected under normal conditions of use.

**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Hazardous components       | CAS NUMBER  | %       |
|----------------------------|-------------|---------|
| Limestone                  | 1317-65-3   | 30 - 60 |
| Phthalate ester            | Proprietary | 5 - 10  |
| Silane derivative          | Proprietary | 1 - 5   |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7  | 0.1 - 1 |

Exposure to moisture during cure will release 1-2% methanol.

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.  
**Skin contact:** Wash with soap and water. If skin irritation persists, call a physician. Wipe off paste with paper towel or cloth.

|                            |   |
|----------------------------|---|
| <b>Eye contact:</b>        | Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. If symptoms develop and persist, get medical attention. |
| <b>Ingestion:</b>          | Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.  |
| <b>Notes to physician:</b> | Treat symptomatically and supportively.   |

## 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Flash point:</b>                        | 107 °C (224.6 °F) Seta closed cup  |
| <b>Autoignition temperature:</b>           | Not applicable   |
| <b>Flammable/Explosive limits - lower:</b> | Not available.   |
| <b>Flammable/Explosive limits - upper:</b> | Not available.   |
| <b>Extinguishing media:</b>                | carbon dioxide, foam, powder, water spray jet, fine water spray  |
| <b>Special firefighting procedures:</b>    | Wear protective equipment. Wear self-contained breathing apparatus.  |
| <b>Unusual fire or explosion hazards:</b>  | None identified.   |
| <b>Hazardous combustion products:</b>      | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| <b>Sensitivity to Mechanical Impact:</b>   | Not available.   |
| <b>Sensitivity to static discharge:</b>    | Not available.   |

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Store in a partly filled, closed container until disposal. Spilled material will solidify. Scrape up as much material as possible. Maintain good ventilation for large spills. |

## 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation. Avoid contact with eyes, skin and clothing. Keep out of the reach of children. Protect from moisture. Use only with adequate ventilation. |
| <b>Storage:</b>  | For safe storage, store between -20 °C (-4°F) and 40 °C (104°F)<br>Store in a cool, dry area. Avoid moisture.   |

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous components       | ACGIH TLV                               | OSHA PEL   | AIHA WEEL | OTHER |
|----------------------------|---|--|-----------|-------|
| Limestone                  | 10 mg/m3 TWA<br>Total dust.             | 5 mg/m3 PEL<br>Respirable fraction.<br>15 mg/m3 PEL<br>Total dust.                           | None      | None  |
| Phthalate ester            | None                                    | None   | None      | None  |
| Silane derivative          | None                                    | None   | None      | None  |
| Quartz (SiO <sub>2</sub> ) | 0.025 mg/m3 TWA<br>Respirable fraction. | 0.3 mg/m3 TWA<br>Total dust.<br>2.4 MPPCF TWA<br>Respirable.<br>0.1 mg/m3 TWA<br>Respirable. | None      | None  |

**Engineering controls:**

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:**

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Physical state:</b>                          | Liquid                                   |
| <b>Color:</b>                                   | Various                                  |
| <b>Odor:</b>                                    | Alcohol                                  |
| <b>Odor threshold:</b>                          | Not available.                           |
| <b>pH:</b>                                      | Not applicable                           |
| <b>Vapor pressure:</b>                          | Not applicable                           |
| <b>Boiling point/range:</b>                     | Not applicable                           |
| <b>Melting point/ range:</b>                    | Not applicable                           |
| <b>Specific gravity:</b>                        | 1.4 - 1.5 at 20 °C (68°F)                |
| <b>Vapor density:</b>                           | Heavier than air.                        |
| <b>Flash point:</b>                             | 107 °C (224.6 °F) Seta closed cup        |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.                           |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.                           |
| <b>Autoignition temperature:</b>                | Not applicable                           |
| <b>Evaporation rate:</b>                        | Not applicable                           |
| <b>Solubility in water:</b>                     | Insoluble                                |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.                           |
| <b>VOC content:</b>                             | 2.48 %; 36 g/l (Calculated, as packaged) |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Stability:</b>                        | Stable under normal conditions of storage and use.      |
| <b>Hazardous reactions:</b>              | Will not occur.   |
| <b>Hazardous decomposition products:</b> | Methanol is liberated slowly upon exposure to moisture. |
| <b>Incompatible materials:</b>           | Oxidizing agents.                                       |
| <b>Conditions to avoid:</b>              | Exposure to moisture.                                   |

## 11. TOXICOLOGICAL INFORMATION

|  |                |
|--|----------------|
| <b>Toxicologically synergistic products:</b> | Not available. |
|--|----------------|

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

| Hazardous components       | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) | ACGIH Carcinogen |
|----------------------------|-------------------------------|-----------------|---|------------------|
| Limestone                  | No                            | No              | No  | No               |
| Phthalate ester            | No                            | No              | No  | No               |
| Silane derivative          | No                            | No              | No  | No               |
| Quartz (SiO <sub>2</sub> ) | Known To Be Human Carcinogen. | Group 1         | No  | Group A2         |

| Hazardous components       | LD50s and LC50s | Health Effects/Target Organs                          |
|----------------------------|-----------------|---|
| Limestone                  | None            | Nuisance dust   |
| Phthalate ester            | None            | Irritant  |
| Silane derivative          | None            | Irritant, Allergen                                    |
| Quartz (SiO <sub>2</sub> ) | None            | Immune system, Lung, Some evidence of carcinogenicity |

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

### Canada Transportation of Dangerous Goods - Ground

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

### International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

### Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

## 15. REGULATORY INFORMATION

### Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** This Material Safety Data Sheet contains changes from the previous version in Section(s): 15

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.**

**Prepared by:** Mary Ellen Roddy, Sr. Regulatory Affairs Specialist

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