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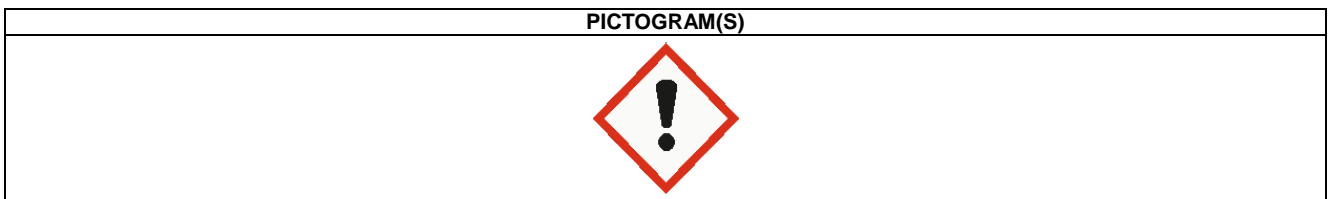
**1. PRODUCT AND COMPANY IDENTIFICATION**

|                              |                                                                       |                     |               |
|------------------------------|-----------------------------------------------------------------------|---------------------|---------------|
| <b>Product name:</b>         | <b>TEROSON MS 5510 GY known as<br/>LOCTITE 5510 ADH SEAL GR 300ML</b> | <b>IDH number:</b>  | 1562044       |
| <b>Product type/use:</b>     | Joint sealant, polymer silan-modified                                 | <b>Item number:</b> | 1562044       |
| <b>Restriction of Use:</b>   | None identified                                                       | <b>Region:</b>      | United States |
| <b>Company address:</b>      | <b>Contact information:</b>                                           |                     |               |
| Henkel Canada Corporation    | Telephone: +1 (905) 814-6511                                          |                     |               |
| Meadowpine Boulevard 2515    | MEDICAL EMERGENCY Phone: Poison Control Center                        |                     |               |
| Mississauga, Ontario L5N 6C3 | 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                          |                     |               |
|                              | Internet: www.henkelna.com                                            |                     |               |

**2. HAZARDS IDENTIFICATION**

| EMERGENCY OVERVIEW |                                                           |
|--------------------|-----------------------------------------------------------|
| WARNING:           | CAUSES SKIN IRRITATION.<br>CAUSES SERIOUS EYE IRRITATION. |

| HAZARD CLASS    | HAZARD CATEGORY |
|-----------------|-----------------|
| SKIN IRRITATION | 2               |
| EYE IRRITATION  | 2A              |



**Precautionary Statements**

|                    |                                                                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention:</b> | Wash affected area thoroughly after handling. Wear protective gloves, eye protection, and face protection.                                                                                                                                                                                                   |
| <b>Response:</b>   | IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Not prescribed                                                                                                                                                                                                                                                                                               |
| <b>Disposal:</b>   | Not prescribed                                                                                                                                                                                                                                                                                               |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Hazardous Component(s)                                 | CAS Number | Percentage* |
|--------------------------------------------------------|------------|-------------|
| Calcium carbonate                                      | 471-34-1   | 30 - 60     |
| Phthalic acid, di(C9-11)alkylester, branched, C10-rich | 68515-49-1 | 10 - 30     |
| Limestone                                              | 1317-65-3  | 10 - 30     |
| Titanium dioxide                                       | 13463-67-7 | 1 - 5       |
| Quartz (SiO2)                                          | 14808-60-7 | 0.1 - 1     |
| Carbon black - Nano                                    | 1333-86-4  | 0.1 - 1     |
| Octadecanoic acid                                      | 57-11-4    | 1 - 5       |

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Move to fresh air. If symptoms develop and persist, get medical attention.                                                                       |
| <b>Skin contact:</b> | Wipe off paste with paper towel or cloth. Wash with soap and water. If symptoms develop and persist, get medical attention.                      |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention. |
| <b>Ingestion:</b>    | Do not induce vomiting. Consult a physician if necessary.                                                                                        |
| <b>Symptoms:</b>     | See Section 11.                                                                                                                                  |

#### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                              |
|-------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.                                     |
| <b>Special firefighting procedures:</b>   | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| <b>Unusual fire or explosion hazards:</b> | In case of fire, keep containers cool with water spray.                                      |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Oxides of silicon. Toxic and irritating vapors.                            |

#### 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>          | Scrape up as much material as possible. Store in a partly filled, closed container until disposal. |

#### 7. HANDLING AND STORAGE

|                  |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Do not wear contact lenses.                                                        |
| <b>Storage:</b>  | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. |

## 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 Component(s)                                 | ACGIH TLV                                                                                          | OSHA PEL                                                                                                                                                                                                                          | AIHA WEEL | OTHER |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| Calcium carbonate                                      | 10 mg/m3 TWA Total dust.<br>3 mg/m3 TWA Respirable particles.<br>10 mg/m3 TWA Inhalable particles. | 5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust.<br>5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>50 MPPCF TWA Total dust.<br>15 MPPCF TWA Respirable fraction.<br>5 mg/m3 TWA Respirable fraction. | None      | None  |
| Phthalic acid, di(C9-11)alkylester, branched, C10-rich | None                                                                                               | None                                                                                                                                                                                                                              | None      | None  |
| Limestone                                              | 10 mg/m3 TWA Inhalable particles.<br>3 mg/m3 TWA Respirable particles.<br>10 mg/m3 TWA Total dust. | 5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust.<br>5 mg/m3 TWA Respirable fraction.<br>50 MPPCF TWA Total dust.<br>15 mg/m3 TWA Total dust.<br>15 MPPCF TWA Respirable fraction.                                     | None      | None  |
| Titanium dioxide                                       | 10 mg/m3 TWA                                                                                       | 15 mg/m3 PEL Total dust.<br>15 MPPCF TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>50 MPPCF TWA Total dust.<br>5 mg/m3 TWA Respirable fraction.                                                                         | None      | None  |
| Quartz (SiO <sub>2</sub> )                             | 0.025 mg/m3 TWA Respirable fraction.                                                               | 0.05 mg/m3 TWA (Respirable dust.)<br>(Respirable dust.)<br>0.025 mg/m3 OSHA_ACT (Respirable dust.)<br>0.05 mg/m3 PEL Respirable dust.<br>2.4 MPPCF TWA Respirable.<br>0.1 mg/m3 TWA Respirable.                                   | None      | None  |
| Carbon black - Nano                                    | 3 mg/m3 TWA Inhalable fraction.                                                                    | 3.5 mg/m3 PEL<br>5 mg/m3 TWA Respirable fraction.<br>50 MPPCF TWA Total dust.<br>15 MPPCF TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.                                                                                    | None      | None  |
| Octadecanoic acid                                      | 10 mg/m3 TWA Inhalable fraction.<br>3 mg/m3 TWA Respirable fraction.                               | None                                                                                                                                                                                                                              | None      | None  |

|                                |                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering controls:</b>   | General room ventilation is usually adequate. Use local exhaust ventilation if the potential for airborne exposure exists. |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s).                                           |
| <b>Eye/face protection:</b>    | Safety goggles or safety glasses with side shields.                                                                        |
| <b>Skin protection:</b>        | Chemical resistant, impermeable gloves.                                                                                    |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |                                                     |
|-------------------------------------------------|-----------------------------------------------------|
| <b>Physical state:</b>                          | Liquid                                              |
| <b>Color:</b>                                   | Gray                                                |
| <b>Odor:</b>                                    | Slight                                              |
| <b>Odor threshold:</b>                          | Not available.                                      |
| <b>pH:</b>                                      | Not applicable                                      |
| <b>Vapor pressure:</b>                          | Not available.                                      |
| <b>Boiling point/range:</b>                     | Not available.                                      |
| <b>Melting point/ range:</b>                    | Not available.                                      |
| <b>Specific gravity:</b>                        | 1.4                                                 |
| <b>Vapor density:</b>                           | Not available.                                      |
| <b>Flash point:</b>                             | > 93 °C (> 199.4 °F) ASTM D3278 Setflash Closed Cup |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.                                      |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.                                      |
| <b>Autoignition temperature:</b>                | Not available.                                      |
| <b>Flammability:</b>                            | Not applicable                                      |
| <b>Evaporation rate:</b>                        | Not available.                                      |
| <b>Solubility in water:</b>                     | Not available.                                      |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.                                      |
| <b>VOC content:</b>                             | 1.74 % (ASTM D2369)                                 |
| <b>Viscosity:</b>                               | Not available.                                      |
| <b>Decomposition temperature:</b>               | Not available.                                      |

## 10. STABILITY AND REACTIVITY

|                                          |                                                         |
|------------------------------------------|---------------------------------------------------------|
| <b>Stability:</b>                        | Stable under recommended storage conditions.            |
| <b>Hazardous reactions:</b>              | None under normal processing.                           |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Oxides of silicon.                    |
| <b>Incompatible materials:</b>           | Acids and bases. Oxidizing agents.                      |
| <b>Reactivity:</b>                       | Not available.                                          |
| <b>Conditions to avoid:</b>              | Excessive heat. Store away from incompatible materials. |

## 11. TOXICOLOGICAL INFORMATION

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Relevant routes of exposure:</b> | Skin, Inhalation, Eyes, Ingestion |
|-------------------------------------|-----------------------------------|

## Potential Health Effects/Symptoms

|                      |                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | May cause respiratory tract irritation. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. |
| <b>Skin contact:</b> | Causes skin irritation.                                                                                                                                                                                                                  |
| <b>Eye contact:</b>  | Causes serious eye irritation.                                                                                                                                                                                                           |
| <b>Ingestion:</b>    | Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.                                                                                                                                   |

| Hazardous Component(s)                                 | LD50s and LC50s                                                                                                                  | Immediate and Delayed Health Effects                    |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Calcium carbonate                                      | Oral LD50 (Rat) = 6,450 mg/kg<br>Oral LD50 (Mouse) = 6,450 mg/kg<br>Inhalation LC50 (Rat, 4 h) = > 3 mg/l                        | Nuisance dust                                           |
| Phthalic acid, di(C9-11)alkylester, branched, C10-rich | None                                                                                                                             | Irritant                                                |
| Limestone                                              | None                                                                                                                             | Nuisance dust                                           |
| Titanium dioxide                                       | Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l | Irritant, Respiratory, Some evidence of carcinogenicity |
| Quartz (SiO <sub>2</sub> )                             | None                                                                                                                             | Immune system, Lung, Some evidence of carcinogenicity   |
| Carbon black - Nano                                    | Oral LD50 (Rat) = > 8,000 mg/kg                                                                                                  | No Data                                                 |
| Octadecanoic acid                                      | Oral LD50 (Rat) = 4.6 g/kg<br>Inhalation LC50 (Rat, 4 h) = > 0.1621 mg/l                                                         | Irritant                                                |

| Hazardous Component(s)                                 | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--------------------------------------------------------|-------------------------------|-----------------|------------------------------------------|
| Calcium carbonate                                      | No                            | No              | No                                       |
| Phthalic acid, di(C9-11)alkylester, branched, C10-rich | No                            | No              | No                                       |
| Limestone                                              | No                            | No              | No                                       |
| Titanium dioxide                                       | No                            | Group 2B        | No                                       |
| Quartz (SiO <sub>2</sub> )                             | Known To Be Human Carcinogen. | Group 1         | Yes                                      |
| Carbon black - Nano                                    | No                            | Group 2B        | No                                       |
| Octadecanoic acid                                      | No                            | No              | No                                       |

## 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

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### International Air Transportation (ICAO/IATA)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

#### Water Transportation (IMO/IMDG)

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

## 15. REGULATORY INFORMATION

#### United States Regulatory Information

|                                         |                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.                                                                                    |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis                                                                                                                                                                         |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.                                                                                                                                                                        |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health, Delayed Health                                                                                                                                                                        |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis.                                                                                                                                                                        |
| <b>California Proposition 65:</b>       | This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |

#### Canada Regulatory Information

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

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 3, 8, 11

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 04/01/2022

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