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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** 50ML GASKET ELIMINATOR 510  
**Product type:** Anaerobic Sealant  
**Company address:**  
Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

**Item No. :** 51031 / IDH No. 135474  
**Region:** United States  
**Contact Information:**  
Telephone: (860) 571-5100  
Emergency telephone: (860) 571-5100  
Internet: www.henkelna.com

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

| <u>Hazardous components</u>                                  | <u>%</u> | <u>ACGIH TLV</u>   | <u>OSHA PEL</u>        | <u>OTHER</u>                             |
|--|----------|--|------------------------|--|
| Polyglycol dimethacrylate<br>25852-47-5                      | 30-60    | None   | None                   | None                                     |
| Bisphenol A fumarate resin<br>39382-25-7                     | 10-30    | None   | None                   | None                                     |
| 4,4'-Diphenylmethanebismaleimide<br>13676-54-5               | 5-10     | None   | None                   | None                                     |
| Silica, amorphous, fumed,<br>crystalline-free<br>112945-52-5 | 1-5      | 10mg/m <sup>3</sup> TWA inhalable<br>3mg/m <sup>3</sup> TWA respirable | 6mg/m <sup>3</sup> TWA | None                                     |
| Saccharin<br>81-07-2   | 1-5      | None   | None                   | None                                     |
| Cumene hydroperoxide<br>80-15-9                              | 1-5      | None   | None                   | 1 ppm (6 mg/m <sup>3</sup> ) Skin (WEEL) |
| 1-Acetyl-2-phenylhydrazine<br>114-83-0                       | 0.1-1    | None   | None                   | None                                     |

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**Physical state:** Gel  
**Color:** Red  
**Odor:** Mild

**HMIS:**

**HEALTH:** 3\*  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

**WARNING:** CAUSES EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.  
HARMFUL IF INHALED.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

**Potential Health Effects**

**Inhalation:** Toxic by inhalation. May cause respiratory tract irritation.  
**Skin contact:** May cause allergic skin reaction.  
**Eye contact:** Contact with eyes will cause irritation.

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|   |  |
|---|--|
| <b>Ingestion:</b>   | Not expected to be harmful by ingestion. |
| <b>Existing conditions aggravated by exposure:</b>              | Eye, skin, and respiratory disorders.    |
| <b>See Section 11 for additional toxicological information.</b> |  |

#### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Remove to fresh air. If symptoms develop and persist, get medical attention.   |
| <b>Skin contact:</b> | Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.             |
| <b>Eye contact:</b>  | Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention. |
| <b>Ingestion:</b>    | Do not induce vomiting. Keep individual calm. Obtain medical attention.  |

#### 5. FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <b>Flash point:</b>                        | Greater than 93°C (200°F) Tagliabue closed cup   |
| <b>Autoignition temperature:</b>           | Not available  |
| <b>Flammable/Explosive limits-lower %:</b> | Not available  |
| <b>Flammable/Explosive limits-upper %:</b> | Not available  |
| <b>Extinguishing media:</b>                | Foam, dry chemical or carbon dioxide.  |
| <b>Special fire fighting procedures:</b>   | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| <b>Unusual fire or explosion hazards:</b>  | None   |
| <b>Hazardous combustion products:</b>      | Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.           |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Prevent product from entering drains or open waters.                                     |
| <b>Clean-up methods:</b>          | Soak up with inert absorbent. Store in a partly filled, closed container until disposal. |

#### 7. HANDLING AND STORAGE

|                               |  |
|-------------------------------|--|
| <b>Handling:</b>              | Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.                                  |
| <b>Storage:</b>               | For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. |
| <b>Incompatible products:</b> | Refer to Section 10.   |

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.   |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s).  |
| <b>Skin protection:</b>        | Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves. |

**Eye/face protection:** Safety goggles or safety glasses with side shields.

**See Section 2 for exposure limits.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Gel  
**Color:** Red  
**Odor:** Mild  
**Vapor pressure:** Less than 5 mm Hg at 27°C (80°F)  
**pH:** Not applicable  
**Boiling point/range:** Greater than 149°C (300°F)  
**Melting point/range:** Not available  
**Specific gravity:** 1.1784  
**Vapor density:** Not available  
**Evaporation rate:** Not available  
**Solubility in water:** Slight  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 0.7699%; 9.07 grams/liter

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

**Incompatibility:** Strong oxidizers.

**Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

**Product toxicity data:** Acute oral LD50 >5000mg/kg (rat)(estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

### Carcinogen Status

| Hazardous components   | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--|----------------|-----------------|-----------------|
| Polyglycol dimethacrylate<br>25852-47-5                      | No             | No              | No              |
| Bisphenol A fumarate resin<br>39382-25-7                     | No             | No              | No              |
| 4,4'-Diphenylmethanebismaleimide<br>13676-54-5               | No             | No              | No              |
| Silica, amorphous, fumed,<br>crystalline-free<br>112945-52-5 | No             | No              | No              |
| Saccharin<br>81-07-2   | No             | No              | No              |
| Cumene hydroperoxide<br>80-15-9                              | No             | No              | No              |
| 1-Acetyl-2-phenylhydrazine<br>114-83-0                       | No             | No              | No              |

### Literature Referenced Target Organ & Other Health Effects

| Hazardous components   | Health Effects/Target Organs                                       |
|--|--|
| Polyglycol dimethacrylate<br>25852-47-5                      | Allergen, Irritant   |
| Bisphenol A fumarate resin<br>39382-25-7                     | Allergen, Irritant   |
| 4,4'-Diphenylmethanebismaleimide<br>13676-54-5               | No Target Organs   |
| Silica, amorphous, fumed,<br>crystalline-free<br>112945-52-5 | Nuisance dust  |
| Saccharin<br>81-07-2   | No Target Organs   |
| Cumene hydroperoxide<br>80-15-9                              | Allergen, Central nervous system, Corrosive, Irritant, Mutagen     |
| 1-Acetyl-2-phenylhydrazine<br>114-83-0                       | Allergen, Blood, Kidney, Mutagen, 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: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

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

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

### WaterTransportation (IMO/IMDG):

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

## 15. REGULATORY INFORMATION

### United States Regulatory Information

|   |  |
|---|--|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  |
| <b>TSCA 12 (b) Export Notification:</b> | None.  |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimus.   |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health Hazard, Delayed Health Hazard   |
| <b>CERCLA/SARA 313:</b>                 | This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9) . |
| <b>California Proposition 65:</b>       | This product contains a chemical known to the State of California to cause cancer and 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 Domestic Substances List. |
| <b>WHMIS hazard class:</b>  | D.1.A, D.2.B   |

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 14

Prepared by: Regulatory Affairs

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