



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Power Grab Heavy Duty Express
IDH number: 2032666
Product type: Acrylic Adhesive
Restriction of Use: None identified
Region: United States
Company address: Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067
Contact information: Telephone: +1 (860) 571-5100
 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
 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SERIOUS EYE IRRITATION.

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

PICTOGRAM(S)



Loctite Express Power Grab Heavy Duty

Precautionary Statements

Prevention: Wash affected area thoroughly after handling. Wear eye and face protection.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage: Not prescribed
Disposal: 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* |
|---|-------------|-------------|
| Limestone | 1317-65-3 | 30 - 40 |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 0.1 - 1 |
| Quartz (SiO ₂), <1% respirable | 14808-60-7 | 0.1 - 1 |

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

4. FIRST AID MEASURES

| | |
|----------------------|--|
| Inhalation: | Move to fresh air. If symptoms persist, seek medical advice. |
| Skin contact: | Wash with soap and water. If symptoms develop and persist, get medical attention. |
| Eye contact: | Flush eyes with plenty of water for at least 5 minutes. If irritation persists seek medical attention. |
| Ingestion: | Do not induce vomiting. Seek medical advice. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| Extinguishing media: | carbon dioxide, foam, powder, water spray jet, fine water spray |
| Special firefighting procedures: | Not available. |
| Unusual fire or explosion hazards: | None known. |
| Hazardous combustion products: | Oxides of carbon. |

6. ACCIDENTAL RELEASE MEASURES

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

| | |
|-----------------------------------|--|
| Environmental precautions: | None known |
| Clean-up methods: | Scrape up as much material as possible. Clean residue with soap and water. |

7. HANDLING AND STORAGE

| | |
|------------------|---|
| Handling: | Avoid contact with eyes. Avoid prolonged or repeated skin contact with this material. Do not taste or swallow. Keep out of the reach of children. |
| Storage: | Protect from freezing. Store in a cool, dry area. |

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 Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|---|--|---|-----------|-------|
| Limestone | 10 mg/m ³ TWA Total dust. | 5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust. | None | None |
| Silica, amorphous, fumed, crystal-free | 10 mg/m ³ TWA Inhalable dust. 3 mg/m ³ TWA Respirable fraction. | 20 MPPCF TWA 0.8 mg/m ³ TWA | None | None |
| Distillates (petroleum), hydrotreated light | None | 100 ppm (400 mg/m ³) PEL | None | None |
| Quartz (SiO ₂), <1% respirable | 0.025 mg/m ³ TWA Respirable fraction. | 2.4 MPPCF TWA Respirable. 0.1 mg/m ³ TWA Respirable. 0.05 mg/m ³ TWA (Respirable dust.) 0.025 mg/m ³ OSHA_ACT (Respirable dust.) 0.05 mg/m ³ PEL Respirable dust. | None | None |

| | |
|--------------------------------|---|
| Engineering controls: | Not normally needed. |
| Respiratory protection: | No personal respiratory protective equipment normally required. |
| Eye/face protection: | No special measures required if used properly. |
| Skin protection: | No special measures required if used properly. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical state: | Solid |
| Color: | White |
| Odor: | Acrylic |
| Odor threshold: | Not available. |
| pH: | 8.5 |
| Vapor pressure: | Not available. |
| Boiling point/range: | > 100 °C (> 212°F) |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.345 (Water = 1) |
| Vapor density: | 0.62 (Air = 1) |
| Flash point: | Not classified as a flammable solid per DOT Classification Guidelines Part 173 Appendix H 7/10/2002. |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |
| Flammability: | Not applicable |
| Evaporation rate: | 1 (Water = 1) |
| Solubility in water: | emulsifiable |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | 0.1 %; 27 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method) |
| Viscosity: | 2,500,000 mPa.s |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Will not occur.

Hazardous decomposition products: None known

Incompatible materials: Strong acids and oxidizing agents.

Reactivity: Not available.

Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Eyes, Skin

Potential Health Effects/Symptoms

Inhalation: Not a relevant route of exposure. 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.

Skin contact: Prolonged and/or repeated skin contact with this product may cause irritation.

Eye contact: May cause irritation.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|-----------------|---|
| Limestone | None | Nuisance dust |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Distillates (petroleum), hydrotreated light | None | Irritant, Lung |
| Quartz (SiO ₂), <1% respirable | None | Immune system, Lung, Some evidence of carcinogenicity |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|-------------------------------|-----------------|---|
| Limestone | No | No | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Distillates (petroleum), hydrotreated light | No | No | No |
| Quartz (SiO ₂), <1% respirable | Known To Be Human Carcinogen. | Group 1 | Yes |

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.

Hazardous waste number: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

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)

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

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.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
Acrylamide (CAS# 79-06-1).

CERCLA/SARA Section 311/312: None

CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDL Status: 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: This Safety Data Sheet contains changes from the previous version in Section(s): 2,3,8,11,15,16

Prepared by: Product Safety and Regulatory Affairs

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