



Revision Number: 004.0

Issue date: 09/30/2014

**1. PRODUCT AND COMPANY IDENTIFICATION**

|  |   |
|--|---|
| <b>Product name:</b> STYCAST 2850FT BLK18# 8.16KG  | <b>IDH number:</b> 1188119  |
| <b>Product type:</b> Epoxy adhesive  | <b>Item number:</b> 1188119   |
| <b>Restriction of Use:</b> None identified   | <b>Region:</b> United States  |
| <b>Company address:</b><br>Henkel Corporation<br>One Henkel Way<br>Rocky Hill, Connecticut 06067 | <b>Contact information:</b><br>Telephone: (860) 571-5100<br>MEDICAL EMERGENCY Phone: Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711<br>TRANSPORT EMERGENCY Phone: CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887<br>Internet: www.henkelna.com |

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**WARNING:** CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS       | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION    | 2               |
| EYE IRRITATION     | 2A              |
| SKIN SENSITIZATION | 1               |

**PICTOGRAM(S)**



**Precautionary Statements**

|                    |   |
|--------------------|---|
| <b>Prevention:</b> | Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.  |
| <b>Response:</b>   | IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Not prescribed  |
| <b>Disposal:</b>   | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.   |

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* |
|------------------------|------------|-------------|
|------------------------|------------|-------------|

|                             |             |          |
|-----------------------------|-------------|----------|
| Aluminum oxide, fibrous     | 1344-28-1   | 60 - 100 |
| Epoxy resin                 | Proprietary | 10 - 30  |
| Butyl 2,3-epoxypropyl ether | 2426-08-6   | 0.1 - 1  |
| Carbon black                | 1333-86-4   | 0.1 - 1  |

\* Exact percentage is a 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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.   |
| <b>Skin contact:</b> | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.  |
| <b>Ingestion:</b>    | Get medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.  |
| <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. In case of fire, keep containers cool with water spray. |
| <b>Unusual fire or explosion hazards:</b> | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.  |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. 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> | Prevent further leakage or spillage if safe to do so. Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | Remove all sources of ignition. Ensure adequate ventilation. Isolate area. Keep unnecessary personnel away. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |

#### 7. HANDLING AND STORAGE

|                  |  |
|------------------|--|
| <b>Handling:</b> | Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Refer to Section 8. |
| <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.                                       |

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 |
|-----------------------------|---|--|-----------|-------|
| Aluminum oxide, fibrous     | 1 mg/m <sup>3</sup> TWA<br>Respirable fraction. | 5 mg/m <sup>3</sup> PEL<br>Respirable fraction.<br>15 mg/m <sup>3</sup> PEL Total<br>dust. | None      | None  |
| Epoxy resin                 | None  | None   | None      | None  |
| Butyl 2,3-epoxypropyl ether | 3 ppm TWA<br>(SKIN) (Dermal<br>sensitization)   | 50 ppm (270 mg/m <sup>3</sup> )<br>PEL   | None      | None  |
| Carbon black                | 3 mg/m <sup>3</sup> TWA<br>Inhalable fraction.  | 3.5 mg/m <sup>3</sup> PEL  | None      | None  |

**Engineering controls:**

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:**

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

**Eye/face protection:**

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

**Skin protection:**

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                            |
|---|----------------------------|
| <b>Physical state:</b>                          | Liquid                     |
| <b>Color:</b>                                   | Black                      |
| <b>Odor:</b>                                    | Slight                     |
| <b>Odor threshold:</b>                          | Not available.             |
| <b>pH:</b>                                      | Not available.             |
| <b>Vapor pressure:</b>                          | < 0.1 mm hg (25 °C (77°F)) |
| <b>Boiling point/range:</b>                     | Not determined             |
| <b>Melting point/ range:</b>                    | Not available.             |
| <b>Specific gravity:</b>                        | 2.4                        |
| <b>Vapor density:</b>                           | Not available.             |
| <b>Flash point:</b>                             | > 93 °C (> 199.4 °F)       |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.             |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.             |
| <b>Autoignition temperature:</b>                | Not available.             |
| <b>Evaporation rate:</b>                        | Not available.             |
| <b>Solubility in water:</b>                     | Insoluble                  |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.             |
| <b>VOC content:</b>                             | < 5 g/l                    |
| <b>Viscosity:</b>                               | Not available.             |
| <b>Decomposition temperature:</b>               | Not available.             |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable under normal conditions of storage and use.   |
| <b>Hazardous reactions:</b>              | None under normal processing.  |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Irritating vapors.   |
| <b>Incompatible materials:</b>           | Strong acids and strong bases. Strong oxidizing agents.  |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Conditions to avoid:</b>              | High temperatures. Store away from incompatible materials. Heat, flames, sparks and other sources of ignition. |

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | May cause respiratory tract irritation.                   |
| <b>Skin contact:</b> | Causes skin irritation. May cause allergic skin reaction. |
| <b>Eye contact:</b>  | Causes serious eye irritation.                            |
| <b>Ingestion:</b>    | May cause gastrointestinal tract irritation if swallowed. |

| Hazardous Component(s)      | LD50s and LC50s  | Immediate and Delayed Health Effects                       |
|-----------------------------|--|--|
| Aluminum oxide, fibrous     | None   | Irritant, Nuisance dust, Corrosive                         |
| Epoxy resin                 | None   | Allergen, Irritant   |
| Butyl 2,3-epoxypropyl ether | Oral LD50 (RAT) = 2,000 mg/kg<br>Oral LD50 (RAT) = 2.05 g/kg<br>Dermal LD50 (RABBIT) = 0.788 g/kg<br>Inhalation LC50 (RAT) = 670 mg/l<br>Inhalation LC50 (RAT, 8 h) = > 670 mg/l | Irritant, Allergen, Central nervous system, Liver, Mutagen |
| Carbon black                | Oral LD50 (RAT) = > 8,000 mg/kg  | Respiratory, Some evidence of carcinogenicity              |

| Hazardous Component(s)      | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|-----------------------------|----------------|-----------------|--|
| Aluminum oxide, fibrous     | No             | No              | No                                       |
| Epoxy resin                 | No             | No              | No                                       |
| Butyl 2,3-epoxypropyl ether | No             | No              | No                                       |
| Carbon black                | No             | Group 2B        | 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.  
**Hazardous waste number:** Not a RCRA hazardous waste.

### 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  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** 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). Aluminum oxide, fibrous (CAS# 1344-28-1).  
**California Proposition 65:** 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

**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: New Safety Data Sheet format.

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**Issue date:** 09/30/2014

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