

# SAFETY DATA SHEET



Issuing Date 29-Apr-2020

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Revision Number 1.01

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** ZIP System™ Liquid Flash

### Other means of identification

**Product Code(s)** PLHUB72600

### Recommended use of the chemical and restrictions on use

**Recommended use** Restricted to professional users.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

Huber Engineered Woods LLC  
10925 David Taylor Drive, #300  
Charlotte, NC 28262

#### Manufacturer Address

### Emergency telephone number

**Company Phone Number** 1-800-933-9220

8:00 AM – 5:00 PM CST Monday-Friday

NON-BUSINESS HOURS (INFOTRAC)

## 2. HAZARDS IDENTIFICATION

### Classification

Reproductive toxicity

Category 1B

### Label elements

#### Emergency Overview

**Danger**

#### Hazard statements

May damage fertility or the unborn child



**Appearance** paste

**Physical state** Paste/Gel Liquid

**Odor** Mild

#### Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

- May be harmful in contact with skin

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                            | CAS No.     | Weight-% | Trade Secret |
|--|-------------|----------|--------------|
| Proprietary - Silyl Terminated Polyether | Undisclosed | 10 - 30  | *            |
| Limestone                                | 1317-65-3   | 10 - 30  | *            |
| Precipitated Calcium Carbonate           | 471-34-1    | 10 - 30  | *            |
| Proprietary Polymer                      | Undisclosed | 5 - 10   | *            |
| Proprietary Polymer                      | Proprietary | 5 - 10   | *            |
| Stearic acid                             | 57-11-4     | 1 - 5    | *            |
| Aminoethyl aminopropyl trimethoxy silane | 1760-24-3   | 1 - 5    | *            |
| Dibutyltin Diacetyldiacetonate           | 22673-19-4  | 0.1 - 1  | *            |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

|   |   |
|---|---|
| <b>General advice</b>                     | If symptoms persist, call a physician.  |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| <b>Skin Contact</b>                       | Wipe off material with a dry cloth. Wash with soap and water. If skin irritation persists, call a physician.  |
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician.   |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Call a physician.   |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.  |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** May be harmful if swallowed. May cause irritation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** Acids. Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical name                                | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|--|---|--|--|
| Limestone<br>1317-65-3                       |   | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust   |
| Precipitated Calcium Carbonate<br>471-34-1   |   |  | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust   |
| Dibutyltin Diacetyldiacetonate<br>22673-19-4 | STEL: 0.2 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> Sn<br>S* | TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) S*   | IDLH: 25 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> except<br>Cyhexatin Sn |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear protective gloves and protective clothing.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                  |                       |                          |
|-----------------------|------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Paste/Gel Liquid | <b>Odor</b>           | Mild                     |
| <b>Appearance</b>     | paste            | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | black            |                       |                          |

| <u>Property</u>                   | <u>Values</u>            | <u>Remarks • Method</u> |
|-----------------------------------|--------------------------|-------------------------|
| pH                                | Not Applicable           |                         |
| Melting point / freezing point °F | No information available |                         |
| Boiling point / boiling range     | No information available |                         |
| Flash point                       | > 100 °C / > 212 °F      |                         |
| Evaporation rate                  | No information available |                         |
| Flammability (solid, gas)         | No information available |                         |
| Flammability Limit in Air         |                          |                         |
| Upper flammability limit:         | No information available |                         |
| Lower flammability limit:         | No information available |                         |
| Vapor pressure                    | No information available |                         |
| Vapor density                     | No information available |                         |
| Specific gravity                  | 1.45 - 1.60              |                         |
| Water solubility                  | insoluble                |                         |
| Solubility in other solvents      | No information available |                         |
| Partition coefficient             | No information available |                         |
| Autoignition temperature          | No information available |                         |
| Decomposition temperature         | No information available |                         |
| Kinematic viscosity               | No information available |                         |
| Dynamic viscosity                 | No information available |                         |

**10. STABILITY AND REACTIVITY**

**Reactivity**  
No data available

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of hazardous reactions**  
None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Acids. Strong oxidizing agents.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                                  |
|----------------------------|----------------------------------|
| <b>Product Information</b> | No data available                |
| <b>Inhalation</b>          | Avoid breathing vapors or mists. |
| <b>Eye contact</b>         | Avoid contact with eyes.         |
| <b>Skin Contact</b>        | Avoid contact with skin.         |
| <b>Ingestion</b>           | Do not taste or swallow.         |

**Component Information**

| Chemical name  | LD50/Oral            | LD50/Dermal         | Inhalation LC50 |
|--|----------------------|---------------------|-----------------|
| Precipitated Calcium Carbonate<br>471-34-1               | = 6450 mg/kg ( Rat ) |                     |                 |
| Stearic acid<br>57-11-4                                  |                      | > 5 g/kg ( Rabbit ) |                 |
| Aminoethyl aminopropyl trimethoxy<br>silane<br>1760-24-3 | = 7460 µL/kg ( Rat ) |                     |                 |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** May be harmful if swallowed. May cause irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | No information available.  |
| <b>Germ cell mutagenicity</b>   | No information available.  |
| <b>Carcinogenicity</b>          | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>Reproductive toxicity</b>    | May damage fertility or the unborn child.  |
| <b>STOT - single exposure</b>   | No information available.  |
| <b>STOT - repeated exposure</b> | No information available.  |
| <b>Aspiration hazard</b>        | No information available.  |

**Numerical measures of toxicity - Product Information****Unknown acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

|                 |                 |
|-----------------|-----------------|
| ATEmix (oral)   | 7273 mg/kg      |
| ATEmix (dermal) | 2919 mg/kg mg/l |

**12. ECOLOGICAL INFORMATION****Ecotoxicity****Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

**DSL/NDSL** Complies

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory Complies*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name      | California Proposition 65 |
|--------------------|---------------------------|
| Methanol - 67-56-1 | Developmental             |

**U.S. State Right-to-Know Regulations**

| Chemical name                          | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Limestone<br>1317-65-3                 | X          | X             | X            |
| Quartz<br>14808-60-7                   | X          | X             | X            |
| Bis (2-ethylhexyl) adipate<br>103-23-1 | X          | X             | X            |

**16. OTHER INFORMATION**

|             |                   |                |                    |                                    |
|-------------|-------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 2  | Flammability 1 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b> | Health hazards 2* | Flammability 1 | Physical hazards 0 | Personal protection X              |

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 SDS sections updated 14

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**