SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier
Product Name WET OR DRY SURFACE FIBERED PLASTIC ROOF CEMENT

Other means of identification
Product Code DI150
Synonyms None

Recommended use of the chemical and restrictions on use
Recommended Use Sealant.
Uses advised against No information available

Details of the supplier of the safety data sheet
Manufacturer Address HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA  90245-2716
Company Contact: Technical Services
Telephone Number: 800-486-1278
Web Site: www.henry.com  www.ca.henry.com

Emergency telephone number
Emergency Telephone CHEMTREC: 800-424-9300
CHEMTREC: 703-527-3887
CANUTEC: 613-966-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
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<td></td>
</tr>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
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<td></td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
<td></td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>Not classified</td>
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<tr>
<td>Flammable liquids</td>
<td>Category 3</td>
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</tr>
</tbody>
</table>

Label elements
Emergency Overview

Warning

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation. May cause drowsiness or dizziness
Flammable liquid and vapor

Appearance      paste     Physical state liquid    Odor     Petroleum distillates

Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Wash face, hands and any exposed skin thoroughly after handling

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 advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
IF INHALED: Call a POISON CENTER or doctor if you feel unwell
In case of fire: Use Water spray, fog or regular foam for extinction

Hazards not otherwise classified (HNOC)
Not applicable

Other Information
Harmful to aquatic life with long lasting effects
Unknown acute toxicity
29.97% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Petroleum Asphalt</td>
<td>8052-42-4</td>
<td>30-50</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>7732-18-5</td>
<td>20-30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>10-20</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Clays</td>
<td>NA-Mixture</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>QUARTZ</td>
<td>14808-60-7</td>
<td>&lt;0.1</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

Description of first aid measures
Eye contact  Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact  Wash skin with soap and water.

Inhalation  Remove to fresh air.

Ingestion  Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms**  Drowsiness.

**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.

**Explosion data**
- Sensitivity to Mechanical Impact  None.
- Sensitivity to Static Discharge  None.

**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**  Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions**  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.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**  Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials  Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines  This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Asphalt</td>
<td>TWA: 0.5 mg/m³ benzene soluble</td>
<td>TWA: 500 ppm</td>
<td>IDLH: 20000 mg/m³</td>
</tr>
<tr>
<td>8052-42-4</td>
<td>aerosol fume, inhalable fraction</td>
<td>TWA: 2900 mg/m³ (vacated)</td>
<td>Ceiling: 1800 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 100 ppm (vacated)</td>
<td>15 min</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 525 mg/m³</td>
<td>TWA: 350 mg/m³</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>TWA: 100 ppm</td>
<td>TWA: 0.1 mg/m³ respirable dust</td>
<td>IDLH: 50 mg/m³ respirable dust</td>
</tr>
<tr>
<td>8052-41-3</td>
<td></td>
<td>(vacated) TWA: 0.025 mg/m³</td>
<td>TWA: 0.05 mg/m³ respirable dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>respirable fraction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(30)/(%SiO₂ + 2) mg/m³ TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>total dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(250)/(%SiO₂ + 5) mppcf TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>respirable fraction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10)/(%SiO₂ + 2) mg/m³ TWA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>respirable fraction</td>
<td></td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls  Showers, Eyewash stations, Ventilation systems.

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  Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>paste</td>
</tr>
<tr>
<td>Color</td>
<td>black</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum distillates</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
</tr>
<tr>
<td>pH</td>
<td>Remarks</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Method</td>
</tr>
<tr>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>
Boiling point / boiling range  >=  150 °C
Flash point  40 °C
Evaporation rate  No information available
Flammability (solid, gas)  No information available
Flammability Limit in Air
  Upper flammability limit:  9%
  Lower flammability limit:  1%
Vapor pressure  No information available
Vapor density  No information available
Relative density  0.9 - 1.3
Water solubility  No information available
Solubility in other solvents  No information available
Partition coefficient  No information available
Autoignition temperature  No information available
Decomposition temperature  No information available
Kinematic viscosity  >100 mm²/s @ 40 °C
Dynamic viscosity  No information available
Explosive properties  No information available
Oxidizing properties  No information available

**Other Information**

Softening point  No information available
Molecular weight  No information available
VOC Content (%)  No information available
Density  No information available
Bulk density  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**
Extremes of temperature and direct sunlight.

**Incompatible materials**
Strong oxidizing agents.

**Hazardous Decomposition Products**
None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**
No data available

**Inhalation**
May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**Eye contact**
Irritating to eyes.

**Skin contact**
Irritating to skin.

**Ingestion**
No data available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
</table>

Page 5 / 8
Information on toxicological effects

Symptoms
Vapors may cause drowsiness and dizziness.

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

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
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</thead>
<tbody>
<tr>
<td>Petroleum Asphalt</td>
<td>-</td>
<td>Group 2B</td>
<td>-</td>
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<tr>
<td>8052-42-4</td>
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<td></td>
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<tr>
<td>QUARTZ</td>
<td>A2</td>
<td>Group 1</td>
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<tr>
<td>14808-60-7</td>
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</tr>
</tbody>
</table>

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.

Numerical measures of toxicity

<table>
<thead>
<tr>
<th>Product Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (oral)</td>
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<tr>
<td>ATEmix (dermal)</td>
</tr>
<tr>
<td>ATEmix (inhalation-gas)</td>
</tr>
<tr>
<td>ATEmix (inhalation-dust/mist)</td>
</tr>
<tr>
<td>ATEmix (inhalation-vapor)</td>
</tr>
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</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity
49.4 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability
Not readily biodegradable.

Bioaccumulation
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
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<tbody>
<tr>
<td>Petroleum Asphalt</td>
<td>&gt;6</td>
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<td>8052-42-4</td>
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Other adverse effects

<table>
<thead>
<tr>
<th>Ozone</th>
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<tbody>
<tr>
<td>No information available</td>
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<tr>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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 (If shipped in NON BULK packaging by ground transport)
TDG Not regulated

IATA
- UN/ID no.: UN1999
- Proper shipping name: Tars, Liquid
- Hazard Class: 3
- Packing Group: III

IMDG
- UN/ID no.: UN1999
- Proper shipping name: Tars, Liquid
- Hazard Class: 3
- Packing Group: III
- Description: May be transported as non-hazardous in accordance with IMDG 2.3.2.5

15. REGULATORY INFORMATION

All components used in this product are on the TSCA Inventory and the Canadian DSL.

International Inventories
- TSCA Complies
- DSL/NDSL Complies
- EINECS/ELINCS Complies
- ENCS Does not comply
- IECSC Complies
- KECL Complies
- PICCS Complies
- AICS Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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

- Acute health hazard: Yes
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: 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 chemicals known to the state of California to cause birth defects or other reproductive harm

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

**U.S. EPA Label Information**
EPA Pesticide Registration Number: Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<td>2</td>
<td>2</td>
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<td>Physical and Chemical</td>
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<table>
<thead>
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<th>Flammability</th>
<th>Physical hazards</th>
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</table>

Issue Date: 24-MAY-2015
Revision Date: 24-MAY-2015
Revision Note: No information available

**Disclaimer**
The information provided in this Material 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