

Issue Date 03-MAY-2021

Revision Date 03-MAY-2021

Version 1

**1. IDENTIFICATION**

**Product identifier**

**Product Name** CUTBACK ASPHALT FOR DUCTILE AND CAST IRON

**Other means of identification**

**Product Code** Tuffcoat OD

**SKU #** 727

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

**Recommended Use** Pipe Coating

**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

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

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

|  |                |
|--|----------------|
| Acute toxicity - Oral                              | Not classified |
| Acute toxicity - Dermal                            | Not classified |
| Acute toxicity - Inhalation (Gases)                | Not classified |
| Acute toxicity - Inhalation (Vapors)               | Not classified |
| Acute toxicity - Inhalation (Dusts/Mists)          | Not classified |
| Skin corrosion/irritation                          | Category 2     |
| Serious eye damage/eye irritation                  | Category 2A    |
| Respiratory sensitization                          | Not classified |
| Skin sensitization                                 | Not classified |
| Germ cell mutagenicity                             | Not classified |
| Carcinogenicity                                    | Not classified |
| Reproductive toxicity                              | Not classified |
| Specific target organ toxicity (single exposure)   | Not classified |
| Specific target organ toxicity (repeated exposure) | Not classified |
| Aspiration toxicity                                | Not classified |
| Flammable liquids                                  | Category 3     |

**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****Substance**

| Chemical Name          | CAS No.    | Weight-% | Trade Secret |
|------------------------|------------|----------|--------------|
| Petroleum Asphalt      | 8052-42-4  | 50-70    | *            |
| Stoddard solvent       | 8052-41-3  | 20-30    | *            |
| Aromatic Solvent       | 64742-95-6 | 5-15     | *            |
| 1,2,4 Trimethylbenzene | 95-63-6    | 1-5      | *            |

\*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.   |
| <b>Skin contact</b> | Wash skin with soap and water.                               |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | 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.

| Chemical Name                     | ACGIH TLV   | OSHA PEL  | NIOSH IDLH  |
|-----------------------------------|---|---|---|
| Petroleum Asphalt<br>8052-42-4    | TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction | -   | Ceiling: 5 mg/m <sup>3</sup> fume 15 min  |
| Stoddard solvent<br>8052-41-3     | TWA: 100 ppm  | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m <sup>3</sup> | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup> |
| 1,2,4 Trimethylbenzene<br>95-63-6 | -   | -   | TWA: 25 ppm<br>TWA: 125 mg/m <sup>3</sup>   |

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

|                       |        |                       |                          |
|-----------------------|--------|-----------------------|--------------------------|
| <b>Physical state</b> | liquid | <b>Odor</b>           | Petroleum distillates    |
| <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                             | No information available |                         |
| Melting point / freezing point | No information available |                         |
| 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 mm <sup>2</sup> /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**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | No data available   |
| <b>Inhalation</b>          | May cause irritation of respiratory tract. May cause drowsiness or dizziness. |
| <b>Eye contact</b>         | Irritating to eyes.   |
| <b>Skin contact</b>        | Irritating to skin.   |
| <b>Ingestion</b>           | No data available.  |

| Chemical Name                     | Oral LD50            | Dermal LD50             | Inhalation LC50                   |
|-----------------------------------|----------------------|-------------------------|-----------------------------------|
| Petroleum Asphalt<br>8052-42-4    | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | -                                 |
| 1,2,4 Trimethylbenzene<br>95-63-6 | = 3280 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | = 18 g/m <sup>3</sup> ( Rat ) 4 h |

**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** .

| Chemical Name                  | ACGIH | IARC     | NTP | OSHA |
|--------------------------------|-------|----------|-----|------|
| Petroleum Asphalt<br>8052-42-4 | -     | Group 2B | -   | X    |

**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 - Product Information**

**ATEmix (oral)** 5,602.00  
**ATEmix (dermal)** 5,602.00  
**ATEmix (inhalation-gas)** 99,999.00  
**ATEmix (inhalation-dust/mist)** 14.01  
**ATEmix (inhalation-vapor)** 99,999.00

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

**Persistence and degradability**

Not readily biodegradable.

**Bioaccumulation**

No information available.

| Chemical Name                     | Partition coefficient |
|-----------------------------------|-----------------------|
| Petroleum Asphalt<br>8052-42-4    | >6                    |
| 1,2,4 Trimethylbenzene<br>95-63-6 | 3.63                  |

**Other adverse effects** No information available  
**Ozone** Not applicable

**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**

|                             |              |
|-----------------------------|--------------|
| <b>UN/ID no.</b>            | UN1999       |
| <b>Proper shipping name</b> | Tars, Liquid |
| <b>Hazard Class</b>         | 3            |
| <b>Packing Group</b>        | III          |

**IMDG**

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

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

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

**International Inventories**

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Complies        |
| <b>DSL/NDSL</b>      | Complies        |
| <b>EINECS/ELINCS</b> | Complies        |
| <b>ENCS</b>          | Does not comply |
| <b>IECSC</b>         | Complies        |
| <b>KECL</b>          | Complies        |
| <b>PICCS</b>         | Complies        |
| <b>AICS</b>          | 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**

|  |     |
|--|-----|
| <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 chemicals known to the state of California to cause cancer

**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**

|                    |                  |                |                    |                                    |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <b><u>NFPA</u></b> | Health hazards 2 | Flammability 2 | Instability 0      | Physical and Chemical Properties - |
| <b><u>HMIS</u></b> | Health hazards 2 | Flammability 2 | Physical hazards 0 | Personal protection X              |

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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**