# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Revision Date** 04-Feb-2025 **Version** 1

## 1. Identification

**Product identifier**

**Product Name** Elite Flashing Cement

**Other means of identification**

**Product Code** LUCAS 776

**UN/ID no.** 1993

**Synonyms** Grades 776 W & 776 S

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

**Recommended Use** Used to install, repair or rebuild roof flashings at parapet walls, gravel stops, stacks, vents, monitors and similar applications. Can be used with fiberglass, polyester fabrics or roll roofing for permanent repairs.

**Restrictions on use** For exterior use only. Do not use indoors.

**Details of the supplier of the safety data sheet**

**Supplier Address**

**Manufacturer Address**
R.M. Lucas Company
3211 S. Wood St
Chicago, Illnois 60608
(773) 523-4300

**Emergency telephone number**

**Emergency Telephone** Call CHEMTREC Day or Night:
Within USA and Canada: 1-800 424-9300

## 2. Hazard(s) identification

**Classification**

| | |
|---|---|
| Flammable liquids | Category 3 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2B |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Specific target organ toxicity (repeated exposure) | Category 2 |
| Aspiration hazard | Category 1 |

**Hazards not otherwise classified (HNOC)**
Not applicable.

**Label elements**

Danger

**Hazard statements**
Flammable liquid and vapor.
Causes skin irritation.
Causes eye irritation.
May cause genetic defects.
May cause cancer.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

**Precautionary Statements - Prevention**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/clothing and eye/face protection.
Wash face, hands and any exposed skin thoroughly after handling.
Do not breathe dust/fume/gas/mist/vapors/spray.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical/ ventilating / lighting/ .? / equipment.
Use only non-sparking tools.
Take action to prevent static discharges.

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention.
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 skin irritation occurs: Get medical advice/attention.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Wash contaminated clothing before reuse.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
In case of fire: Use CO2, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**
Store locked up.
Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant.

**Other Information**
May be harmful in contact with skin. Harmful to aquatic life with long lasting effects.

## 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

**Common name** Flashing Cement.

**Synonyms** Grades 776 W & 776 S.

**Chemical nature** Organic solvents and additives.

| Chemical name | CAS No. | Weight-% | Trade secret |
|---|---|---|---|
| Asphalt (at Ambient Temperature) | 8052-42-4 | 30-40 | * |
| Mineral Spirits (with < 0.1% Benzene) | 8052-41-3 | 10-20 | * |
| Aromatic Naptha | 64742-95-6 | 10-20 | * |
| Hydrated Aluminum-Magnesium Silicate (Encapsulated) | 12174-11-7 | 0-20 | * |
| Asphalt, oxidized | 64742-93-4 | 0-10 | * |
| Styrene/Butadiene Copolymer | 9003-55-8 | 0-10 | * |
| Cellulose Fiber | 9004-34-6 | 0-10 | * |
| Kaolin | 1332-58-7 | 0-10 | * |

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

## 4. First-aid measures

**Description of first aid measures**

**General advice** Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.

**Inhalation** Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

**Ingestion** ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Self-protection of the first aider** Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing.

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

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

**Effects of Exposure** May cause cancer. Mutagenic effects. May cause damage to organs through prolonged or repeated exposure.

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

**Note to physicians** Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Hazardous combustion products** Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

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

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

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

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or

explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse.

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

**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

## 8. Exposure controls/personal protection

**Control parameters**

**Exposure Limits**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---|---|---|---|
| Asphalt (at Ambient Temperature)<br>8052-42-4 | TWA: 0.5 mg/m³<br>Benzene-soluble aerosol fume, inhalable particulate matter | - | Ceiling: 5 mg/m³ fume 15 min |
| Mineral Spirits (with < 0.1% Benzene)<br>8052-41-3 | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m³ | IDLH: 20000 mg/m³<br>Ceiling: 1800 mg/m³ 15 min<br>TWA: 350 mg/m³ |
| Hydrated Aluminum-Magnesium Silicate (Encapsulated)<br>12174-11-7 | TWA: 1 mg/m³ respirable particulate matter | - | - |
| Cellulose Fiber<br>9004-34-6 | TWA: 10 mg/m³ | TWA: 15 mg/m³ total dust<br>TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 15 mg/m³ total dust<br>(vacated) TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 5 mg/m³<br>(vacated) STEL: 10 mg/m³ | TWA: 10 mg/m³ total dust<br>TWA: 5 mg/m³ respirable dust<br>TWA: 1 mg/m³ |
| Kaolin<br>1332-58-7 | TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | TWA: 15 mg/m³ total dust<br>TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 10 mg/m³ total dust<br>(vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust<br>TWA: 5 mg/m³ respirable dust |

**Biological occupational exposure limits**

| Chemical name | ACGIH |
|---|---|

| | |
|---|---|
| Asphalt (at Ambient Temperature)<br>8052-42-4 | 2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek |

**Appropriate engineering controls**

**Engineering controls** Showers
Eyewash stations
Ventilation systems.

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

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves. Impervious gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**Respiratory protection** Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| **Physical state** | Liquid |
| **Appearance** | Thick mastic |
| **Color** | Black |
| **Odor** | Solvent (Mineral Spirits) |
| **Odor threshold** | 1-30 PPM. Odor thresholds vary greatly. Do not rely on odor threshold alone to determine potentially hazardous substances. |

| **Property** | **Values** | **Remarks • Method** |
|---|---|---|
| **pH** | Not applicable | 7.0 |
| **pH (as aqueous solution)** | | None known |
| **Melting point/freezing point** | None / -70 None / -94 | Melting Point is not applicable. Freezing points are shown. |
| **Boiling point / boiling range** | > 154 °C / 309.2 °F | |
| **Flash point** | > 40.5 °C / 104.90 °F | Setaflash |
| **Evaporation rate** | 0.1 | Butly acetate = 1 |
| **Flammability (solid, gas)** | | |
| **Flammability Limit in Air** | | Flammable above 105 degrees F and 40.5 degrees C. |
| **Upper flammability limit:** | 7.0 | |
| **Lower flammability limit:** | 1.6 | |
| **Vapor pressure** | 0.3 (kPa) | @ 20 °C |
| **Vapor density** | 5.3 | Where: Air = 1 at 68 degrees F (20 degrees C) |
| **Relative density** | 1.09 | Water = 1g/ml |
| **Water solubility** | No data available Insoluble | Reacts with water to form carbon dioxide |
| **Solubility(ies)** | No data available. | Insoluable |
| **Partition coefficient** | No data available. | No data available. |
| **Autoignition temperature** | 330 °C / 626 °F | |
| **Decomposition temperature** | | |

| | | |
|---|---|---|
| **Kinematic viscosity** | | |
| **Dynamic viscosity** | No data available. | @ 25 °C |

**Other information**

| | |
|---|---|
| **Explosive properties** | No information available |
| **Oxidizing properties** | No information available |
| **Softening point** | Not applicable |
| **Molecular weight** | N/A |
| **VOC Content (%)** | Less than 350 g/l |
| **Density** | 9.2 to 9.5 lb/gal |
| **Bulk density** | Not applicable |

## 10. Stability and reactivity

**Reactivity** No information available.

**Chemical stability** Stable under normal conditions.

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

**Hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to avoid** Heat, flames and sparks.

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

**Hazardous decomposition products** Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

## 11. Toxicological information

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. May cause irritation. Causes eye irritation. May cause redness, itching, and pain.

**Skin contact** Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

**Acute toxicity** .

**Numerical measures of toxicity**

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

| | |
|---|---|
| **ATEmix (oral)** | 5,500.50 mg/kg |
| **ATEmix (dermal)** | 2,029.60 mg/kg |
| **ATEmix (inhalation-gas)** | 99,999.00 ppm |
| **ATEmix (inhalation-vapor)** | 99,999.00 mg/l |
| **ATEmix (inhalation-dust/mist)** | 79.30 mg/l |

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Asphalt (at Ambient Temperature) 8052-42-4 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 94.4 mg/m³ ( Rat ) 4.5 h |
| Mineral Spirits (with < 0.1% Benzene) 8052-41-3 | - | > 3000 mg/kg ( Rabbit ) | > 5.5 mg/L ( Rat ) 4 h |
| Aromatic Naptha 64742-95-6 | = 8400 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 3400 ppm ( Rat ) 4 h |
| Asphalt, oxidized 64742-93-4 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | - |
| Cellulose Fiber 9004-34-6 | > 5 g/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5800 mg/m³ ( Rat ) 4 h |
| Kaolin 1332-58-7 | > 5000 mg/kg ( Rat ) | > 5000 mg/kg ( Rat ) | - |

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes eye irritation.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Hydrated Aluminum-Magnesium Silicate (Encapsulated) 12174-11-7 | - | Group 2B Group 3 | - | X |
| Asphalt, oxidized 64742-93-4 | - | Group 2A | - | X |
| Styrene/Butadiene Copolymer 9003-55-8 | - | Group 3 | - | - |
| Cellulose Fiber 9004-34-6 | - | - | Known | - |

**Legend**

**IARC (International Agency for Research on Cancer)**
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
**NTP (National Toxicology Program)**
Known - Known Carcinogen
**Occupational Safety and Health Administration of the US Department of Labor**
X - Present

**Reproductive toxicity** No information available.

**Developmental Toxicity** None known for product as a whole.

**Teratogenicity** None known.

**STOT - single exposure** No information available.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Target organ effects** Kidney, Respiratory system, Eyes, Skin, Central nervous system, Gastrointestinal tract (GI).

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Other adverse effects** N/A.

**Interactive effects** No information available.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| Aromatic Naptha 64742-95-6 | - | LC50: =9.22mg/L (96h, Oncorhynchus mykiss) | - | EC50: =6.14mg/L (48h, Daphnia magna) |
| Asphalt, oxidized 64742-93-4 | EC50: =56mg/L (72h, Pseudokirchneriella subcapitata) | - | - | - |

**Persistence and degradability** N/A.

**Bioaccumulation**

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| Asphalt (at Ambient Temperature) 8052-42-4 | 6 |

**Other adverse effects** No information available.

## 13. Disposal considerations

**Waste treatment methods**

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers.

## 14. Transport information

**DOT** DOT Ground: Not regulated if containers are less than119 gallons (450 liters).

**UN/ID no.** 1993
**Hazard Class** 3
**Packing Group** III

**TDG**
**UN/ID no.** NA 1993
**Proper shipping name** Combustible liquid, n.o.s
**Hazard Class** 3
**Packing Group** III

**MEX** Regulated Not regulated.
**UN/ID no.** NA 1993
**Proper shipping name** Combustible liquid, n.o.s.

**ICAO (air)** Regulated Not regulated.
**UN/ID no.** 1993

**IATA** Regulated Not regulated.
**UN number or ID number** 1993

**IMDG** Regulated Not regulated.
**UN number or ID number** 1993

## 15. Regulatory information

**International Inventories**

**TSCA** All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.

| Chemical name | CAS No. | Inventory Listing Status | Commercial Activity Designation |
|---|---|---|---|
| Asphalt (at Ambient Temperature) | 8052-42-4 | Present | Active |
| Mineral Spirits (with < 0.1% Benzene) | 8052-41-3 | Present | Active |
| Aromatic Naptha | 64742-95-6 | Present | Active |
| Hydrated Aluminum-Magnesium Silicate (Encapsulated) | 12174-11-7 | - | Unknown * |
| Asphalt, oxidized | 64742-93-4 | Present | Active |
| Styrene/Butadiene Copolymer | 9003-55-8 | Present | Active |
| Cellulose Fiber | 9004-34-6 | Present | Active |
| Kaolin | 1332-58-7 | Present | Active |

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**DSL/NDSL** All of the components of this product are listed on the DSL.
**EINECS/ELINCS** All components are listed.
**TCSI** Contact supplier for inventory compliance status.

**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
**NZIoC** - New Zealand Inventory of Chemicals
**TCSI** - Taiwan Chemical Substance Inventory

**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**
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**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 |
|---|---|
| Hydrated Aluminum-Magnesium Silicate (Encapsulated) - 12174-11-7 | Carcinogen |
| Cellulose Fiber - 9004-34-6 | Carcinogen |

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

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Asphalt (at Ambient Temperature)<br>8052-42-4 | X | X | X |
| Mineral Spirits (with < 0.1% Benzene)<br>8052-41-3 | X | X | X |
| Asphalt, oxidized<br>64742-93-4 | X | - | - |
| Cellulose Fiber<br>9004-34-6 | X | X | X |
| Kaolin<br>1332-58-7 | X | X | X |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. Other information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NFPA** | **Health hazards** 2 | **Flammability** 2 | **Instability** 0 | **Special hazards** - |
| **HMIS** | **Health hazards** 2 * | **Flammability** 2 | **Physical hazards** 0 | **Personal protection** - |

*Chronic Hazard Star Legend* ** = Chronic Health Hazard*

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend**
SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
STOT: Specific Target Organ Toxicity
ATE: Acute Toxicity Estimate
LC50: 50% Lethal Concentration
LD50: 50% Lethal Dose

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | | | |
|---|---|---|---|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |
| + | Sensitizers | | |

**Key literature references and sources for data used to compile the SDS**
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

| | |
|---|---|
| **Prepared By** | Lucas Technical Service Department. |
| **Revision Date** | 04-Feb-2025 |
| **Revision Note** | N/A. |

**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.**