



# 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 Asphalt Primer

### Other means of identification

Product Code LUCAS 315

UN/ID no. 1993

Synonyms SEALANT

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

Recommended Use Roof Primer. A fast drying asphalt primer for use in multiple roofing applications.

Restrictions on use For exterior use only. Do not use indoors. This product is not intended for use over tar or asphalt and gravel roofs.

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

#### Supplier Address

#### Manufacturer Address

R.M. Lucas Company  
3211 S. Wood St  
Chicago, Illinois 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  |
| Acute toxicity - Dermal                            | Category 4  |
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 2B |
| Carcinogenicity                                    | Category 2  |
| Specific target organ toxicity (single exposure)   | Category 3  |
| 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.  
Harmful in contact with skin.  
Causes skin irritation.  
Causes eye irritation.  
Suspected of causing cancer.  
May cause respiratory irritation. May cause drowsiness or dizziness.  
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.  
Use only outdoors or in a well-ventilated area.  
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.  
Keep cool.

**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.  
Call a POISON CENTER or doctor if you feel unwell.  
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 INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
Do NOT induce vomiting.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**

Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Unknown acute toxicity**

37.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

**Other Information**

May be harmful if swallowed.

**3. Composition/information on ingredients**

**Substance**

Not applicable.

**Mixture**

**Common name** Asphalt Roof Primer.

**Chemical nature** Organic solvents and additives.

| Chemical name                         | CAS No.   | Weight-% | Trade secret |
|---------------------------------------|-----------|----------|--------------|
| Asphalt (at Ambient Temperature)      | 8052-42-4 | 60-70    | *            |
| Mineral Spirits (with < 0.1% Benzene) | 8052-41-3 | 20-40    | *            |

\*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>                     | Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.                                                                                                                                                                                                                                         |
| <b>Inhalation</b>                         | Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. 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.                                     |
| <b>Eye contact</b>                        | 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.                                                                                                              |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.                                                                                                                                                                                                                                                     |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.                                                                                                                    |
| <b>Self-protection of the first aider</b> | 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. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Effects of Exposure** 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

|                                                                       |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>                                   | Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.                                                                                                                                                                                        |
| <b>Unsuitable extinguishing media</b>                                 | Do not scatter spilled material with high pressure water streams.                                                                                                                                                                                               |
| <b>Specific hazards arising from the chemical</b>                     | 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. |
| <b>Hazardous combustion products</b>                                  | Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.                                                                                                                                                         |
| <b>Explosion data</b>                                                 |                                                                                                                                                                                                                                                                 |
| <b>Sensitivity to mechanical impact</b>                               | None.                                                                                                                                                                                                                                                           |
| <b>Sensitivity to static discharge</b>                                | Yes.                                                                                                                                                                                                                                                            |
| <b>Special protective equipment and precautions for fire-fighters</b> | 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

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | 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. |
| <b>Other information</b>    | Ventilate the area. Refer to protective measures listed in Sections 7 and 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### Methods and material for containment and cleaning up

|                                        |                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b>         | 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. |
| <b>Methods for cleaning up</b>         | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.                                                                                                                                                                                                  |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations.                                                                                                                                                                                                                                                                        |

## 7. Handling and storage

### Precautions for safe handling

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b> | 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. Take off contaminated clothing and wash before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

#### **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**

| Chemical name                                      | ACGIH TLV                                                                                      | OSHA PEL                                                                                                      | NIOSH                                                                                                 |
|----------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Asphalt (at Ambient Temperature)<br>8052-42-4      | TWA: 0.5 mg/m <sup>3</sup><br>Benzene-soluble aerosol<br>fume, inhalable particulate<br>matter | -                                                                                                             | Ceiling: 5 mg/m <sup>3</sup> fume 15 min                                                              |
| Mineral Spirits (with < 0.1% Benzene)<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> |

##### **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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                |                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------|
| Physical state | Liquid                                                                                                                     |
| Appearance     | Viscous                                                                                                                    |
| 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              | 0.98                        | 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                                                     |
| <b>Other information</b>      |                             |                                                             |
| 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                       | 8.2 to 8.4 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

|                     |                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | 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. May cause drowsiness or dizziness.                                                                   |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. May cause irritation. Causes eye irritation. May cause redness, itching, and pain.                                                                                                                                                                             |
| <b>Skin contact</b> | 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).                                                                                                                                                           |
| <b>Ingestion</b>    | 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. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Acute toxicity** Harmful by skin contact.

#### Numerical measures of toxicity

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

|                                      |                |
|--------------------------------------|----------------|
| <b>ATEmix (oral)</b>                 | 5,000.00 mg/kg |
| <b>ATEmix (dermal)</b>               | 2,000.00 mg/kg |
| <b>ATEmix (inhalation-gas)</b>       | 99,999.00 ppm  |
| <b>ATEmix (inhalation-vapor)</b>     | 99,999.00 mg/l |
| <b>ATEmix (inhalation-dust/mist)</b> | 99,999.00 mg/l |

#### Unknown acute toxicity

37.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

#### Component Information

| Chemical name                                      | Oral LD50            | Dermal LD50             | Inhalation LC50                        |
|----------------------------------------------------|----------------------|-------------------------|----------------------------------------|
| Asphalt (at Ambient Temperature)<br>8052-42-4      | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 94.4 mg/m <sup>3</sup> ( Rat ) 4.5 h |
| Mineral Spirits (with < 0.1% Benzene)<br>8052-41-3 | -                    | > 3000 mg/kg ( Rabbit ) | > 5.5 mg/L ( Rat ) 4 h                 |

### 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            | No information available.                                                                                                      |
| Carcinogenicity                   | Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer. |
| Reproductive toxicity             | No information available.                                                                                                      |
| Developmental Toxicity            | None known for product as a whole.                                                                                             |
| Teratogenicity                    | None known.                                                                                                                    |
| STOT - single exposure            | May cause respiratory irritation. May cause drowsiness or dizziness.                                                           |
| STOT - repeated exposure          | May cause damage to organs through prolonged or repeated exposure.                                                             |
| Target organ effects              | Kidney, Respiratory system, Eyes, Skin, Central nervous system.                                                                |
| Aspiration hazard                 | May be fatal if swallowed and enters airways.                                                                                  |
| Other adverse effects             | N/A.                                                                                                                           |
| Interactive effects               | No information available.                                                                                                      |

## 12. Ecological information

|                               |                                                                           |
|-------------------------------|---------------------------------------------------------------------------|
| Ecotoxicity                   | The environmental impact of this product has not been fully investigated. |
| Persistence and degradability | N/A.                                                                      |

### Bioaccumulation

#### Component Information

| Chemical name                                 | Partition coefficient |
|-----------------------------------------------|-----------------------|
| Asphalt (at Ambient Temperature)<br>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 than 119 gallons (450 liters).

**UN/ID no.** 1993  
**Proper shipping name** Combustible liquid, n.o.s  
**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**

**UN/ID no.** NA 1993  
**Proper shipping name** Combustible liquid, n.o.s.

**ICAO (air)**

**UN/ID no.** Regulated  
1993

**IATA**

**UN number or ID number** Regulated  
1993

**IMDG**

**UN number or ID number** Regulated  
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                          |

**DSL/NDL****EINECS/ELINCS****TCSI**

All of the components of this product are listed on the DSL.

All components are listed.

Contact supplier for inventory compliance status.

**Legend:**

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

**DSL/NDL** - 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 does not contain any Proposition 65 chemicals.

### 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            |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. Other information**

|                                                                                  |                           |                       |                           |                              |
|----------------------------------------------------------------------------------|---------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b>                                                                      | <b>Health hazards</b> 2   | <b>Flammability</b> 2 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b>                                                                      | <b>Health hazards</b> 2 * | <b>Flammability</b> 2 | <b>Physical hazards</b> 0 | <b>Personal protection</b> - |
| <i>Chronic Hazard Star Legend                      * = Chronic Health Hazard</i> |                           |                       |                           |                              |

### 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.