

## 1. Identification

|                                      |                                 |
|--------------------------------------|---------------------------------|
| <b>Product identifier</b>            | <b>BLACKHAWK™ 5200 GEL KOTE</b> |
| <b>Other means of identification</b> | None.                           |
| <b>Recommended use</b>               | Not available.                  |
| <b>Recommended restrictions</b>      | None known.                     |

### Manufacturer/Importer/Supplier/Distributor information

|                     |                                    |
|---------------------|------------------------------------|
| <b>Company Name</b> | Armor Limited, Inc.                |
| <b>Address</b>      | 2410 US-15 South, Sumter, SC 29150 |

|                                           |                                                                         |
|-------------------------------------------|-------------------------------------------------------------------------|
| <b>After hours telephone number</b>       | 1-877-982-7667                                                          |
| <b>Normal work hours telephone number</b> | 1-877-982-7667                                                          |
| <b>Website</b>                            | www.armor-inc.com                                                       |
| <b>E-mail</b>                             | customerservice@armor-inc.com                                           |
| <b>Emergency 24-hour telephone number</b> | CHEMTREC North America: +1-800-424-9300, International: +1-703-527-3887 |
| <b>Information on operation hours</b>     | 8:00 a.m. to 5:00 p.m.                                                  |

## 2. Hazard(s) identification

|                              |                                                   |                             |
|------------------------------|---------------------------------------------------|-----------------------------|
| <b>Physical hazards</b>      | Flammable liquids                                 | Category 3                  |
| <b>Health hazards</b>        | Serious eye damage/eye irritation                 | Category 2                  |
|                              | Carcinogenicity                                   | Category 2                  |
|                              | Specific target organ toxicity, single exposure   | Category 3 narcotic effects |
|                              | Specific target organ toxicity, repeated exposure | Category 2                  |
| <b>Environmental hazards</b> | Not classified.                                   |                             |
| <b>OSHA defined hazards</b>  | Not classified.                                   |                             |

### Label elements



|                    |         |
|--------------------|---------|
| <b>Signal word</b> | Warning |
|--------------------|---------|

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statement</b> | Flammable liquid and vapor. Causes serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Precautionary statement

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention</b> | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Ground/bond container and receiving equipment. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b> | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media for extinction. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. 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 exposed or concerned: Get medical advice/attention. |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                                                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                   | Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.                                                              |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations. See section 13 of this SDS for disposal instructions. |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                               |
| <b>Supplemental information</b>                  | None.                                                                                                                                                     |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %       |
|------------------------------------------|--------------------------|------------|---------|
| ASPHALT, OXIDIZED                        |                          | 64742-93-4 | 40 - 50 |
| MINERAL SPIRITS                          |                          | 8052-41-3  | 40 - 50 |
| QUARTZ                                   |                          | 14808-60-7 | < 1     |
| Other components below reportable levels |                          |            | 5.98    |

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. For breathing difficulties, oxygen may be necessary. Call a poison center or doctor/physician if you feel unwell.                                                                                                                                                     |
| <b>Skin contact</b>                                                           | For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin. Wash contaminated clothing before reuse.                                                                                                                      |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                                                                             |
| <b>Ingestion</b>                                                              | Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.                                                                                                                                                                                                                               |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain.                                                                                                                                                                                                                                                                                                                             |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.                                                                                                                       |
| <b>General information</b>                                                    | Take off all contaminated clothing immediately. In case of shortness of breath, give oxygen. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep victim under observation. Keep victim warm. Wash contaminated clothing before reuse. |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                                                                                                                                                                                                                                                                                                                              |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                                                                                                                                                   |
| <b>Specific hazards arising from the chemical</b>                    | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.                                                                                                                                                                                                                       |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.                                                                                                                                                       |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Do not get water inside container. Some of these materials, if spilled, may evaporate leaving a flammable residue. |
| <b>Specific methods</b>                                              | In the event of fire and/or explosion do not breathe fumes.                                                                                                                                                                                                                                                                                                                                              |
| <b>General fire hazards</b>                                          | Flammable liquid and vapor.                                                                                                                                                                                                                                                                                                                                                                              |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Never return spills in original containers for re-use.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Do not empty into drains. Observe good industrial hygiene practices. Hydrogen sulfide, a very highly toxic gas, may be present with this material. Keep face clear of tank and/or tank car openings.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep container dry. Keep away from food, drink and animal feedingstuffs. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). Keep container closed. Keep out of reach of children.

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                      | Type | Value                  | Form             |
|---------------------------------|------|------------------------|------------------|
| MINERAL SPIRITS (CAS 8052-41-3) | PEL  | 2900 mg/m <sup>3</sup> |                  |
|                                 |      | 500 ppm                |                  |
| QUARTZ (CAS 14808-60-7)         | PEL  | 0.05 mg/m <sup>3</sup> | Respirable dust. |

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components              | Type | Value                 | Form        |
|-------------------------|------|-----------------------|-------------|
| QUARTZ (CAS 14808-60-7) | TWA  | 0.1 mg/m <sup>3</sup> | Respirable. |
|                         |      | 2.4 mppcf             | Respirable. |

**US. ACGIH Threshold Limit Values**

| Components                      | Type | Value       | Form                 |
|---------------------------------|------|-------------|----------------------|
| MINERAL SPIRITS (CAS 8052-41-3) | TWA  | 100 ppm     |                      |
| QUARTZ (CAS 14808-60-7)         | TWA  | 0.025 mg/m3 | Respirable fraction. |

**U.S. - NIOSH**

| Components                         | Type | Value   |  |
|------------------------------------|------|---------|--|
| ASPHALT, OXIDIZED (CAS 64742-93-4) | REL  | 5 mg/m3 |  |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                      | Type    | Value      | Form             |
|---------------------------------|---------|------------|------------------|
| MINERAL SPIRITS (CAS 8052-41-3) | Ceiling | 1800 mg/m3 |                  |
|                                 | TWA     | 350 mg/m3  |                  |
| QUARTZ (CAS 14808-60-7)         | TWA     | 0.05 mg/m3 | Respirable dust. |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation. Provide eyewash station and safety shower.

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

**Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. It is a good industrial hygiene practice to minimize skin contact. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

|                                                     |                                           |
|-----------------------------------------------------|-------------------------------------------|
| <b>Appearance</b>                                   | Viscous liquid                            |
| <b>Physical state</b>                               | Liquid.                                   |
| <b>Form</b>                                         | Liquid.                                   |
| <b>Color</b>                                        | Brown - black                             |
| <b>Odor</b>                                         | Mild Petroleum Odor                       |
| <b>Odor threshold</b>                               | Not available.                            |
| <b>pH</b>                                           | Not available.                            |
| <b>Melting point/freezing point</b>                 | Not available.                            |
| <b>Initial boiling point and boiling range</b>      | 300 °F (148.89 °C)                        |
| <b>Flash point</b>                                  | > 100.0 °F (> 37.8 °C) Cleveland Open Cup |
| <b>Evaporation rate</b>                             | Not available.                            |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                           |
| <b>Upper/lower flammability or explosive limits</b> |                                           |
| <b>Explosive limit - lower (%)</b>                  | Not available.                            |

|                                                |                |
|------------------------------------------------|----------------|
| <b>Explosive limit - upper (%)</b>             | Not available. |
| <b>Vapor pressure</b>                          | Not available. |
| <b>Vapor density</b>                           | > 1            |
| <b>Relative density</b>                        | Not available. |
| <b>Solubility(ies)</b>                         |                |
| <b>Solubility (water)</b>                      | Not available. |
| <b>Partition coefficient (n-octanol/water)</b> | Not available. |
| <b>Auto-ignition temperature</b>               | Not available. |
| <b>Decomposition temperature</b>               | Not available. |
| <b>Viscosity</b>                               | Not available. |
| <b>Other information</b>                       |                |
| <b>Density</b>                                 | 0.26 g/cm3     |
| <b>Explosive properties</b>                    | Not explosive. |
| <b>Oxidizing properties</b>                    | Not oxidizing. |
| <b>Specific gravity</b>                        | 1.08 - 1.2     |
| <b>VOC</b>                                     | < 410 g/l      |

## 10. Stability and reactivity

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.                                                                         |
| <b>Chemical stability</b>                 | Stable at normal conditions.                                                                                                                                          |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                                                                                              |
| <b>Conditions to avoid</b>                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                                                                                              |
| <b>Hazardous decomposition products</b>   | Irritants. Carbon oxides. Sulphur oxides.                                                                                                                             |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Headache. Nausea, vomiting. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.                                                       |
| <b>Eye contact</b>  | Causes serious eye irritation.                                                                                                                        |
| <b>Ingestion</b>    | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.                                   |

|                                                                                     |                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. Can cause central nervous system (CNS) depression. Unconsciousness. Repeated exposure may cause skin dryness and cracking. |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Information on toxicological effects

|                       |                            |
|-----------------------|----------------------------|
| <b>Acute toxicity</b> | Not known. Not classified. |
|-----------------------|----------------------------|

| Product                  | Species | Test Results     |
|--------------------------|---------|------------------|
| BLACKHAWK™ 5200 GEL KOTE |         |                  |
| <b>Acute</b>             |         |                  |
| <b>Oral</b>              |         |                  |
| LD50                     | Rat     | 1.574e+006 mg/kg |

\* Estimates for product may be based on additional component data not shown.

|                                          |                                |
|------------------------------------------|--------------------------------|
| <b>Skin corrosion/irritation</b>         | May be irritating to the skin. |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation. |

## Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** Not a skin sensitizer.

**Germ cell mutagenicity** Not available.

**Carcinogenicity** Suspected of causing cancer.

### IARC Monographs. Overall Evaluation of Carcinogenicity

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| ASPHALT, OXIDIZED (CAS 64742-93-4) | 2A Probably carcinogenic to humans.                 |
| MINERAL SPIRITS (CAS 8052-41-3)    | 3 Not classifiable as to carcinogenicity to humans. |
| QUARTZ (CAS 14808-60-7)            | 1 Carcinogenic to humans.                           |

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

|                         |        |
|-------------------------|--------|
| QUARTZ (CAS 14808-60-7) | Cancer |
|-------------------------|--------|

### US. National Toxicology Program (NTP) Report on Carcinogens

|                         |                               |
|-------------------------|-------------------------------|
| QUARTZ (CAS 14808-60-7) | Known To Be Human Carcinogen. |
|-------------------------|-------------------------------|

**Reproductive toxicity** Not classified.

**Specific target organ toxicity  
- single exposure** May cause drowsiness or dizziness.

**Specific target organ toxicity  
- repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the environment.

| Product                  | Species |         | Test Results         |
|--------------------------|---------|---------|----------------------|
| BLACKHAWK™ 5200 GEL KOTE |         |         |                      |
| <b>Aquatic</b>           |         |         |                      |
| Crustacea                | EC50    | Daphnia | 13999.3193, 48 hours |
| Fish                     | LC50    | Fish    | 58070.668, 96 hours  |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F  
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues /  
unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

**UN number** UN1999

**UN proper shipping name** Tars, liquid

**Transport hazard class(es)**

|                                     |                                                                                                                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Class</b>                        | Combustible Liquid                                                                                                                                                               |
| <b>Subsidiary risk</b>              | -                                                                                                                                                                                |
| <b>Label(s)</b>                     | 3                                                                                                                                                                                |
| <b>Packing group</b>                | III                                                                                                                                                                              |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. If shipped by ground in quantities LESS than 119 gallons (450 L): Not regulated as a hazardous material. |
| <b>Special provisions</b>           | B1, B52, IB3, T4, TP1, TP29                                                                                                                                                      |
| <b>Packaging exceptions</b>         | 150                                                                                                                                                                              |
| <b>Packaging non bulk</b>           | 203                                                                                                                                                                              |
| <b>Packaging bulk</b>               | 242                                                                                                                                                                              |

**IATA**

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1999                                                                  |
| <b>UN proper shipping name</b>      | Tars, liquid                                                            |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | III                                                                     |
| <b>Environmental hazards</b>        | No.                                                                     |
| <b>ERG Code</b>                     | 3L                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>            |                                                                         |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.                                              |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.                                              |

**IMDG**

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1999                                                                  |
| <b>UN proper shipping name</b>      | Tars, liquid                                                            |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | III                                                                     |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | No.                                                                     |
| <b>EmS</b>                          | F-E, S-E                                                                |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**IATA; IMDG****General information**

If shipped by ground in quantities LESS than 119 gallons (450 L): Not regulated as a hazardous material. If shipped by vessel in individual containers that are less than 7.9 gallons (30 L) each, then IMDG 2.3.2.5 exception applies: Not regulated as a hazardous material.

**15. Regulatory information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
CERCLA/SARA Hazardous Substances - Not applicable.

**Toxic Substances Control Act (TSCA)**

All components of the mixture on the TSCA 8(b) inventory are designated "active".

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

QUARTZ (CAS 14808-60-7)

Cancer  
lung effects  
immune system effects  
kidney effects

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes**Classified hazard categories**

Flammable (gases, aerosols, liquids, or solids)  
Serious eye damage or eye irritation  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

MINERAL SPIRITS (CAS 8052-41-3)

QUARTZ (CAS 14808-60-7)

**California Proposition 65**

**WARNING:** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

ASPHALT, OXIDIZED (CAS 64742-93-4)

Listed: January 1, 1990

QUARTZ (CAS 14808-60-7)

Listed: October 1, 1988

**International Inventories**

| Country(s) or region | Inventory name                                                         | On inventory (yes/no)* |
|----------------------|------------------------------------------------------------------------|------------------------|
| Australia            | Australian Inventory of Industrial Chemicals (AICIS)                   | Yes                    |
| Canada               | Domestic Substances List (DSL)                                         | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand          | New Zealand Inventory                                                  | Yes                    |
| Philippines          | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|-----------------------------------------------|------------------------|
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)    | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issue date</b>           | 11-23-2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Revision date</b>        | 06-07-2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Version #</b>            | 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>NFPA ratings</b>         | Health: 2<br>Flammability: 2<br>Instability: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>References</b>           | ACGIH<br>ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices<br>EPA: AQUIRE database<br>HSDB® - Hazardous Substances Data Bank<br>IARC Monographs. Overall Evaluation of Carcinogenicity<br>National Toxicology Program (NTP) Report on Carcinogens<br>NLM: Hazardous Substances Data Base<br>US. IARC Monographs on Occupational Exposures to Chemical Agents                                                                                                                                                                     |
| <b>Disclaimer</b>           | 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. |
| <b>Revision information</b> | This document has undergone significant changes and should be reviewed in its entirety.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |