

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | ES 12X300ML CRACK FILL   | <b>Revision Date:</b>   | 8/23/2017  |
| <b>Product Identifier:</b>  | 317751   | <b>Supercedes Date:</b> | New SDS  |
| <b>Product Use/Class:</b>   | Roofing/Asphalt  |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Consumer Brands Canada (RCBC)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada | <b>Manufacturer:</b>    | Rust-Oleum Consumer Brands Canada (RCBC)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

39% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|                                     |      |   |
|-------------------------------------|------|---|
| Flammable Liquid, category 3        | H226 | Flammable liquid and vapour.                                    |
| STOT, repeated exposure, category 1 | H372 | Causes damage to organs through prolonged or repeated exposure. |

### GHS LABEL PRECAUTIONARY STATEMENTS

|                |   |
|----------------|---|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.      |
| P233           | Keep container tightly closed.  |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.   |
| P264           | Wash hands thoroughly after handling.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                          |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |

|           |   |
|-----------|---|
| P314      | Get medical advice/attention if you feel unwell.  |
| P370+P378 | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool.  |
| P501      | Dispose of contents/container in accordance with local, regional and national regulations.            |

**GHS SDS PRECAUTIONARY STATEMENTS**

|      |  |
|------|--|
| P240 | Ground/bond container and receiving equipment.                 |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools.                                   |
| P243 | Take precautionary measures against static discharge.          |
| P270 | Do not eat, drink or smoke when using this product.            |

### 3. Composition / Information On Ingredients

**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u>                  | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---------------------------------------|----------------|--------------|--------------------|-----------------------|
| Asphalt                               | 8052-42-4      | 50           | Not Available      | Not Available         |
| Stoddard Solvent                      | 8052-41-3      | 20           | GHS08              | H304-372              |
| Kaolin Clay                           | 1332-58-7      | 13           | Not Available      | Not Available         |
| Magnesium Aluminum Silicate, hydrated | 12174-11-7     | 3.9          | Not Available      | Not Available         |
| Microcrystalline Cellulose            | 9004-34-6      | 2.9          | GHS06              | H331                  |
| Crystalline Silica / Quartz           | 14808-60-7     | 2.9          | Not Available      | Not Available         |
| Aliphatic Hydrocarbon                 | 64742-89-8     | 2.2          | GHS08              | H304                  |

### 4. First-Aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, get medical attention.

### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat.

## 8. Exposure Controls / Personal Protection

| Chemical Name                            | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|--|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Asphalt                                  | 8052-42-4  | 55.0                  | 0.5 mg/m3         | N.E.               | N.E.         | N.E.                 |
| Stoddard Solvent                         | 8052-41-3  | 25.0                  | 100 ppm           | N.E.               | 500 ppm      | N.E.                 |
| Kaolin Clay                              | 1332-58-7  | 15.0                  | 2 mg/m3           | N.E.               | 15 mg/m3     | N.E.                 |
| Magnesium Aluminum Silicate,<br>hydrated | 12174-11-7 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Crystalline Silica / Quartz              | 14808-60-7 | 5.0                   | 0.025 mg/m3       | N.E.               | 50 µg/m3     | N.E.                 |
| Microcrystalline Cellulose               | 9004-34-6  | 5.0                   | 10 mg/m3          | N.E.               | 15 mg/m3     | N.E.                 |
| Aliphatic Hydrocarbon                    | 64742-89-8 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## 9. Physical and Chemical Properties

|                                 |                     |   |           |
|---------------------------------|---------------------|---|-----------|
| <b>Appearance:</b>              | Gel/Paste           | <b>Physical State:</b>                              | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                              | N.E.      |
| <b>Relative Density:</b>        | 1.082               | <b>pH:</b>  | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                                   | N.D.      |
| <b>Solubility in Water:</b>     | Slight              | <b>Partition Coefficient, n-octanol/<br/>water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                      | 0.9 - 6.7 |
| <b>Boiling Range, °C:</b>       | 118 - 2,230         | <b>Flash Point, °C:</b>                             | 41        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-ignition Temp., °C:</b>                     | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                              | N.D.      |
| <b>Vapor Density:</b>           | Heavier than Air    |   |           |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** No Information

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Substance causes moderate eye irritation.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Substance may cause slight skin irritation.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u>        | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-----------------------------|------------------|--------------------|-------------------|
| 8052-42-4      | Asphalt                     | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | N.I.              |
| 1332-58-7      | Kaolin Clay                 | 5500 mg/kg       | N.I.               | 25                |
| 9004-34-6      | Microcrystalline Cellulose  | >5000 mg/kg Rat  | N.I.               | >5.8 mg/L Rat     |
| 14808-60-7     | Crystalline Silica / Quartz | 5500 mg/kg Rat   | 5500               | 100 mg/L          |
| 64742-89-8     | Aliphatic Hydrocarbon       | N.I.             | 3000 mg/kg Rabbit  | N.I.              |

N.I. - No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** No Information

## 14. Transport Information

|                              | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| <b>UN Number:</b>            | N.A.                    | 1263                        | 1263              | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Paint                       | Paint             | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 3                           | 3                 | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III                         | III               | N.A.                |
| <b>Limited Quantity:</b>     | No                      | Yes, >5L No                 | Yes, >5L No       | No                  |

## 15. Regulatory Information

**U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

No Information

**Sara Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

**Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

**16. Other Information****HMIS RATINGS**

|                |    |                      |   |                         |   |                             |   |
|----------------|----|----------------------|---|-------------------------|---|-----------------------------|---|
| <b>Health:</b> | 2* | <b>Flammability:</b> | 2 | <b>Physical Hazard:</b> | 0 | <b>Personal Protection:</b> | X |
|----------------|----|----------------------|---|-------------------------|---|-----------------------------|---|

**NFPA RATINGS**

|                |   |                      |   |                    |   |
|----------------|---|----------------------|---|--------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 2 | <b>Instability</b> | 0 |
|----------------|---|----------------------|---|--------------------|---|

**VOLATILE ORGANIC COMPOUNDS, g/L:** 240

**SDS REVISION DATE:** 8/23/2017

**REASON FOR REVISION:**

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Rust-Oleum Consumer Brands Canada believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Consumer Brands Canada makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.