

CEMBRIT

HEALTH AND SAFETY DATA SHEET

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| 1 | Product type | Bitumen shingles |
| 2 | Distributed by | Cembrit Ltd |
| 3 | Product appearance | Solid asphalt coated, surfaced sheets with a 3 element laid appearance |
| 4 | Product composition | 25% - 40% Asphalt |
| 5 | Intended uses | For low and steep slope roofs, as water shedding roof protector |
| 6 | Odour and appearance | Slight petroleum odour - coloured granules |
| 7 | Specific gravity | 1.8 to 2.5 |
| 8 | Fire and Explosion Data Flash point minimum 265°C (approx). Method COC. Auto ignition temperature 370-480° C (approx). If product is heated beyond 200° C or if it catches fire then the major constituent asphalt (bitumen) will emanate slightly toxic fumes. Self-contained breathing apparatus should be worn to protect against possible release of hydrogen sulphide and sulphur dioxide. Use water spray to cool fire-exposed area and as a protective screen. Do not point solid water directly into burning asphalt to avoid spreading. Melted asphalt (bitumen) could act as fuel. | |
| 9 | Health Hazards, Precautions and First Aid | |
| | Exposure Limits: | |
| | CHRONIC EFFECTS | |
| | Standard Inhalation | Health Hazards Fumes from hot asphalt cause nausea, headache, dizziness. |
| | Precautions | There are no special handling procedures required other than wearing gloves to protect hands from physical scratches or asphalt stains. |
| | Eye Contact: | |
| | Health Hazards | Hot asphalt burns skin and eyes. |

HEALTH AND SAFETY SHEET CONTINUED

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| First Aid | For hot asphalt splash, cool part by water immersion or shower. Do not attempt removal of asphalt from part but split longitudinally, if circumferential, to avoid tourniquet effect. For skin soiling without underlying burn, cleanse with mineral oil followed by soap and water. Wash thoroughly with water for 15 minutes. Cleanse soiling with olive oil. Seek medical advice if eyes are inflamed. |
| Skin Contact: Health Hazards | Prolonged or repeated skin contact may cause dermatitis |
| Precautions | Gloves should be worn when handling |
| Ingestion: Health Hazard | Ingestion is unlikely |
| Transport Precautions: | No special requirements |
| Handling, processing & use Precautions | Shingles should be handled with care to avoid injury and placing unnecessary stain on handlers. |

For further advice, please contact:

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