## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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|---|---|
| Product Name: | **BEHR MARQUEE™ EXTERIOR FLAT DEEP BASE No. 4453** |
| Product Code: | 4453 |
| MSDS Manufacturer Number: | 4453 |
| Manufacturer Name: | BEHR Process Corporation |
| Address: | 3400 W. Segerstrom Avenue<br>Santa Ana, CA 92704 |
| General Phone Number: | (714) 545-7101 |
| General Fax Number: | (714) 241-1002 |
| Customer Service Phone Number: | (800) 854-0133 ext. 2 |
| CHEMTREC: | For emergencies in the US, call CHEMTREC: 800-424-9300 |
| Canutec: | In Canada, call CANUTEC: (613) 996-6666 (call collect) |
| MSDS Creation Date: | December 03, 2012 |
| MSDS Revision Date: | December 03, 2012 |
| MSDS Format: | According to ANSI Z400.1-2004 |

**HMIS**

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|---|---|
| Health Hazard | 1 |
| Fire Hazard | 1 |
| Reactivity | 0 |
| Personal Protection | |

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | Ingredient Percent |
|---|---|---|
| Water | 7732-18-5 | 30 - 60 by weight |
| Amorphous silicon dioxide | 7631-86-9 | 1 - 5 by weight |
| 2-ethylhexyl benzoate | 5444-75-7 | 1 - 5 by weight |
| Acrylic polymer | 28377-44-8 | 10 - 30 by weight |
| Zirconium Compound | 68309-95-5 | 1 - 5 by weight |
| Nepheline Syenite | 37244-96-5 | 10 - 30 by weight |

## SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant.

Potential Health Effects:

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| Eye: | May cause irritation. |
| Skin: | May cause irritation. |
| Inhalation: | Prolonged or excessive inhalation may cause respiratory tract irritation. |
| Ingestion: | May be harmful if swallowed. May cause vomiting. |
| Chronic Health Effects: | Prolonged or repeated contact may cause skin irritation. |
| Signs/Symptoms: | Overexposure may cause headaches and dizziness. |
| Target Organs: | Eyes. Skin. Respiratory system. Digestive system. |
| Aggravation of Pre-Existing Conditions: | None generally recognized. |

## SECTION 4 - FIRST AID MEASURES

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| Eye Contact: | Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists. |
| Skin Contact: | Immediately wash skin with soap and plenty of water.<br>Get medical attention if irritation develops or persists. |
| Inhalation: | If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention. |
| Ingestion: | If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. |
| Other First Aid: | Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration. |

## SECTION 5 - FIRE FIGHTING MEASURES

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| Extinguishing Media: | Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material. |
| Protective Equipment: | As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear. |

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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| Personnel Precautions: | Use proper personal protective equipment as listed in section 8. |
| Environmental Precautions: | Avoid runoff into storm sewers, ditches, and waterways. |
| Spill Cleanup Measures: | Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. |

## SECTION 7 - HANDLING and STORAGE

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| Handling: | Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. |
| Storage: | Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. |
| Hygiene Practices: | Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist. |

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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| Engineering Controls: | Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment. |
| Eye/Face Protection: | Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. |
| Skin Protection Description: | Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing. |
| Respiratory Protection: | A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. |
| Other Protective: | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |

EXPOSURE GUIDELINES

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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| Physical State Appearance: | Liquid. |
| Boiling Point: | No Data |
| Melting Point: | No Data |
| Density: | 10 - 12 Lbs./gal. |
| Vapor Density: | Greater than 1 (Air = 1). |
| pH: | No Data |

| | |
|---|---|
| Molecular Formula: | Mixture |
| Molecular Weight: | Mixture |
| VOC Content: | Material VOC: 20 gm/l (Includes Water)<br>Coating VOC.: 48 gm/l (Excludes Water)<br><br>The addition of colorant may add VOCs. |

## SECTION 10 - STABILITY and REACTIVITY

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| Chemical Stability: | Stable under normal temperatures and pressures. |
| Hazardous Polymerization: | Not reported. |
| Conditions to Avoid: | Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F. |
| Incompatible Materials: | Oxidizing agents. Strong acids and alkalis. |

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Amorphous silicon dioxide :**

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| RTECS Number: | EU8655000 |
| Eye: | Eye - Rabbit Standard Draize test.: 25 mg/24H (RTECS) |

## SECTION 12 - ECOLOGICAL INFORMATION

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| Ecotoxicity: | No ecotoxicity data was found for the product. |
| Environmental Fate: | No environmental information found for this product. |

## SECTION 13 - DISPOSAL CONSIDERATIONS

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| Waste Disposal: | Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines. |

## SECTION 14 - TRANSPORT INFORMATION

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| DOT Shipping Name: | Not Regulated. |
| DOT UN Number: | Not Regulated. |

## SECTION 15 - REGULATORY INFORMATION

**Amorphous silicon dioxide :**

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| TSCA Inventory Status: | Listed |
| State Regulations: | Listed in the Pennsylvania State Hazardous Substances List. |
| Canada DSL: | Listed |

**2-ethylhexyl benzoate :**

| | |
|---|---|
| TSCA Inventory Status: | Listed |
| Canada DSL: | Listed |

**Nepheline Syenite :**

| | |
|---|---|
| TSCA Inventory Status: | Not listed |
| Canada DSL: | Listed |

## SECTION 16 - ADDITIONAL INFORMATION

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| HMIS Health Hazard: | 1 |
| HMIS Fire Hazard: | 1 |
| HMIS Reactivity: | 0 |
| MSDS Creation Date: | December 03, 2012 |
| MSDS Revision Date: | December 03, 2012 |
| MSDS Author: | Actio Corporation |
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