



SAFETY DATA SHEET

1. Identification

Product identifier BEHR PREMIUM® Interior/Exterior Granite Grip Concrete Coating - Gray

Other means of identification

Product code 650

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier Behr Process LLC
1801 E. St. Andrew Place
Santa Ana, CA 92705

Telephone 714-545-7101

Emergency telephone +1 760 476 3962

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Access code 335213

2. Hazard(s) identification

Hazards for the product as sold

Physical hazards Not classified.

Hazards for the product as sold

Health hazards Sensitization, skin Category 1A

Hazards for the product as sold

OSHA defined hazards Not classified.

Label elements



Signal word Warning

Hazard statement May cause an allergic skin reaction.

Precautionary statement

Prevention Avoid breathing mist/vapors. Contaminated work clothing shall not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

No additional hazards are known to be associated with the expected conditions of use at the time of publication. This document does not address hazards that may arise from uses not reasonably anticipated by the manufacturer.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|------------------------------|------------|---------|
| Barium sulfate | 7727-43-7 | 10 - 30 |
| Calcium carbonate, synthetic | 471-34-1 | 10 - 30 |
| Quartz | 14808-60-7 | 1 - 5 |
| Titanium dioxide | 13463-67-7 | 1 - 5 |



| Chemical name | CAS number | % |
|---|------------|-----------|
| Mica | 12001-26-2 | 0.5 - 1.5 |
| Bentonite (with <1.0% crystalline silica) | 1302-78-9 | 0.1 - 1 |
| 2-Methyl-2H-isothiazol-3-one | 2682-20-4 | 0 - 0.1 |
| 5-Chloro-2-methyl-2H-isothiazol-3-one | 26172-55-4 | 0 - 0.1 |

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The manufacturer has claimed the exact percentage as trade secret under the OSHA Hazard Communication Standard.

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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. Ensure adequate ventilation. 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

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Absorb spillage with suitable absorbent material. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Persons susceptible to allergic reactions should not handle this product.

Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

| Components | Type | Value |
|-------------------------|------|------------------------|
| Quartz (CAS 14808-60-7) | TWA | 0.05 mg/m ³ |

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

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|----------------------|
| Barium sulfate (CAS 7727-43-7) | PEL | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ | Total dust. |
| Titanium dioxide (CAS 13463-67-7) | PEL | 15 mg/m ³ | Total dust. |

US. OSHA Table Z-3 Permissible Exposure Limits (PEL) for Mineral Dusts (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---|------|-----------------------|----------------------|
| Calcium carbonate, synthetic (CAS 471-34-1) | TWA | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ | Total dust. |
| | | 50 mppcf | Total dust. |
| | | 15 mppcf | Respirable fraction. |
| Mica (CAS 12001-26-2) | TWA | 20 mppcf | |
| Quartz (CAS 14808-60-7) | TWA | 0.1 mg/m ³ | Respirable. |
| | | 2.4 mppcf | Respirable. |

US. ACGIH Threshold Limit Values (TLV)

| Components | Type | Value | Form |
|-----------------------------------|------|-------------------------|--------------------------------|
| Barium sulfate (CAS 7727-43-7) | TWA | 5 mg/m ³ | Inhalable fraction. |
| Mica (CAS 12001-26-2) | TWA | 0.1 mg/m ³ | Respirable fraction. |
| Quartz (CAS 14808-60-7) | TWA | 0.025 mg/m ³ | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 2.5 mg/m ³ | Respirable finescale particles |
| | | 0.2 mg/m ³ | Respirable nanoscale particles |

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

| Components | Type | Value |
|-----------------------------------|------|------------------------|
| Mica (CAS 12001-26-2) | IDLH | 1500 mg/m ³ |
| Quartz (CAS 14808-60-7) | IDLH | 50 mg/m ³ |
| Titanium dioxide (CAS 13463-67-7) | IDLH | 5000 mg/m ³ |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|---|------|------------------------|------------------|
| Barium sulfate (CAS 7727-43-7) | TWA | 5 mg/m ³ | Respirable. |
| | | 10 mg/m ³ | Total |
| Calcium carbonate, synthetic (CAS 471-34-1) | TWA | 5 mg/m ³ | Respirable. |
| | | 10 mg/m ³ | Total |
| Mica (CAS 12001-26-2) | TWA | 3 mg/m ³ | Respirable. |
| Quartz (CAS 14808-60-7) | TWA | 0.05 mg/m ³ | Respirable dust. |

Biological limit values

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

| | |
|--|---|
| Appropriate engineering controls | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Wear safety glasses with side shields (or goggles). |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. |
| Skin protection | |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. 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. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | 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. Contaminated work clothing should not be allowed out of the workplace. |

9. Physical and chemical properties

| | |
|---|---------------------------------|
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Gray. |
| Odor | Slight. |
| Melting point/freezing point | Property has not been measured. |
| Boiling point or initial boiling point and boiling range | > 99 °F (> 37.22 °C) |
| Flammability | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Explosive limit - lower (%) | Property has not been measured. |
| Explosive limit - upper (%) | Property has not been measured. |
| Flash point | Not applicable. |
| Auto-ignition temperature | Property has not been measured. |
| Decomposition temperature | Property has not been measured. |
| pH | 7 - 10 |
| pH concentration | Property has not been measured. |
| Kinematic viscosity | Property has not been measured. |
| Solubility | |
| Solubility (water) | Soluble (10 - 99%) |
| Partition coefficient (n-octanol/water) | Property has not been measured. |
| Vapor pressure | Property has not been measured. |
| Density and/or relative density | |
| Density | 10.87 lb/gal |
| Relative density | Property has not been measured. |
| Vapor density | Property has not been measured. |
| Particle characteristics | Not available. |
| Other information | |
| Dynamic viscosity | Property has not been measured. |
| Evaporation rate | Property has not been measured. |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |

| | |
|------------------|---|
| Viscosity | 50 - 140 ku |
| VOC | 48 g/l (excluding water) (Coating) 19 g/l (Material) (including water) |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. Aluminum. Phosphorus. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | May cause an allergic skin reaction. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | Expected to be a low ingestion hazard. |

Symptoms related to the physical, chemical and toxicological characteristics May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

| Product | Species | Test Results |
|--|----------------|---------------------|
| BEHR PREMIUM® Interior/Exterior Granite Grip Concrete Coating - Gray (CAS Mixture) | | |
| Acute | | |
| Dermal | | |
| ATEmix | | 332700 mg/kg bw |
| Oral | | |
| ATEmix | | 633100 mg/kg bw |

| Components | Species | Test Results |
|---|----------------|---------------------|
| Barium sulfate (CAS 7727-43-7) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |
| Calcium carbonate, synthetic (CAS 471-34-1) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 6450 mg/kg |
| Quartz (CAS 14808-60-7) | | |
| Chronic | | |
| Inhalation | | |
| LOEC | Human | 0.0563 mg/m3 |
| Titanium dioxide (CAS 13463-67-7) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

IARC Monographs. Overall Evaluation of Carcinogenicity

Quartz (CAS 14808-60-7)

1 Carcinogenic to humans.

Titanium dioxide (CAS 13463-67-7)

2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Quartz (CAS 14808-60-7)

Known To Be Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Quartz (CAS 14808-60-7)

Cancer

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

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

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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 The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose 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

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to IMO instruments Not established.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

All components are listed on or exempt from the U.S. EPA TSCA Inventory List.

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

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)
5-Chloro-2-methyl-2H-isothiazol-3-one
(CAS 26172-55-4)

1.0 % Subject to One-Time Reporting Requirements (Per Country)
1.0 % One-Time Export Notification only.

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 Respiratory or skin sensitization

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. Massachusetts RTK - Substance List

Barium sulfate (CAS 7727-43-7)
Calcium carbonate, synthetic (CAS 471-34-1)
Mica (CAS 12001-26-2)
Quartz (CAS 14808-60-7)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Barium sulfate (CAS 7727-43-7)
Calcium carbonate, synthetic (CAS 471-34-1)
Mica (CAS 12001-26-2)
Quartz (CAS 14808-60-7)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Barium sulfate (CAS 7727-43-7)
Mica (CAS 12001-26-2)
Quartz (CAS 14808-60-7)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Calcium carbonate, synthetic (CAS 471-34-1)
Mica (CAS 12001-26-2)
Quartz (CAS 14808-60-7)
Titanium dioxide (CAS 13463-67-7)

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

Issue date 10-September-2020
Revision date 18-November-2025
Version # 03



HMIS® ratings

Health: 2
Flammability: 0
Physical hazard: 0

List of abbreviations

LD50: Lethal Dose, 50%.
PEL: Permissible Exposure Limit.

References

HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity

Disclaimer

Behr Process LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.