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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **BEHR® Oil-Base Interior/Exterior Semi-Gloss Enamel White No. 3800**

MSDS Manufacturer Number: 3800

Manufacturer Name: BEHR Process Corporation

Address: 3400 W. Segerstrom Avenue  
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: 06/26/2006

MSDS Revision Date: 2/20/2009



**HMS**

Health Hazard	1
Fire Hazard	2
REACTIVITY	1
Personal Protection	X

\* Chronic Health Effects:

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Undisclosed/Proprietary	No data	30 - 60 by weight
Titanium dioxide	13463-67-7	10 - 30 by weight
Amorphous silica	7631-86-9	1 - 5 by weight
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	10 - 30 by weight
Non hazardous ingredient(s)	No data	5 - 10 by weight
Talc, Magnesium silicate hydrate	14807-96-6	1 - 5 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

Emergency Overview: Combustible. Irritant.

Potential Health Effects:

Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Chronic Health Effects:	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

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## 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. 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.

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## SECTION 5 - FIRE FIGHTING MEASURES

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Flammable Properties:	Combustible liquid.
Flash Point:	104°F (40°C)
Flash Point Method:	TCC
Lower Flammable/Explosive Limit:	0.8
Upper Flammable/Explosive Limit:	6.7
Fire Fighting Instructions:	Combustible. Cool fire-exposed containers using water spray.
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.
Unusual Fire Hazards:	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

### **NFPA Ratings:**

NFPA Flammability:	2
NFPA Health:	1
NFPA Reactivity:	1

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

## SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
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

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

#### Titanium dioxide:

Guideline ACGIH:	TLV-TWA: 10 mg/m <sup>3</sup>
Guideline OSHA:	OSHA-TWA: 15 mg/m <sup>3</sup>

#### Distillates (petroleum), hydrotreated light: Kerosine - unspecified:

Guideline ACGIH:	TLV-TWA: 200 mg/m <sup>3</sup> (Negligible aerosol exposures)
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#### Talc, Magnesium silicate hydrate:

Guideline ACGIH: TLV-TWA: 2 mg/m3 (Respirable)  
Guideline OSHA: OSHA-TWA: 20 mg/m3

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liquid.  
Color: White  
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  
Flash Point: 104°F (40°C)  
Flash Point Method: TCC  
VOC Content: Material VOC: 367 gm/l (Includes Water)  
Coating VOC.: 367 gm/l (Excludes Water)

## SECTION 10 - STABILITY and REACTIVITY

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

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Titanium dioxide :

RTECS Number: XR2275000  
Skin: Skin - Rabbit; Standard Draize Test. : 300 ug/3D; (Intermittent) mild. (RTECS)  
Ingestion: Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea  
Gastrointestinal - other changes. (RTECS)

### Amorphous silica :

RTECS Number: EU8655000  
Eye: Eye - Rabbit; Standard Draize Test. : 25 mg/24H; mild. (RTECS)  
Inhalation: Inhalation. - Rat LCLo: 2190 mg/m3/4H; Lungs, Thorax, or Respiration - dyspnea (RTECS)  
Ingestion: Ingestion - Rat LDLo: 5 gm/kg; Nutritional and Gross Metabolic - other changes (RTECS)  
RTECS Number: OA5504000

**Talc, Magnesium silicate hydrate :**

RTECS Number: WW2710000  
Skin: Administration onto the skin - Human Standard Draize Test.: 300 ug/3D (intermittent) (RTECS)

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**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.

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**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.

Important Disposal Information: DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

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**SECTION 14 - TRANSPORT INFORMATION**

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DOT Shipping Name: Paint.  
DOT UN Number: UN1263  
DOT Hazard Class: 3  
DOT Packing Group: III

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**SECTION 15 - REGULATORY INFORMATION**

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**Titanium dioxide :**

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed

**Amorphous silica :**

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

**Distillates (petroleum), hydrotreated light; Kerosine - unspecified :**

TSCA Inventory Status: Listed  
Canada DSL: Listed

**Talc, Magnesium silicate hydrate :**

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed  
WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Fire Hazard: 2  
HMIS Health Hazard: 1  
HMIS Reactivity: 1  
HMIS Personal Protection: x  
MSDS Creation Date: 06/26/2006  
MSDS Revision Date: 2/20/2009  
MSDS Revision Notes: Quarterly formula update  
MSDS Author: Actio Corporation  
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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Behr Oil-Base Interior/Exterior Semi-Gloss Enamel Swiss Coffee No. 3812

**MSDS Manufacturer Number:** 3812

**Manufacturer Name:** BEHR Process Corporation

**Address:** 3400 W. Segerstrom Avenue  
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:** 11/01/2004

**MSDS Revision Date:** 5/9/2007



**HMIS**

Health Hazard	1
Fire Hazard	2
REACTIVITY	0
Personal Protection	

\* Chronic Health Effects:

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Non-hazardous ingredients		5-10 by weight
Light Hydrotreated Distillate (Petroleum)	64742-47-8	5-10 by weight
Solvent Naphtha (Petroleum), Light Aromatic	64742-95-6	1-5 by weight
Titanium dioxide	13463-67-7	10-30 by weight
Talc (powder), containing no asbestos fibers	14807-96-6	1-5 by weight
Mineral spirits	8052-41-3	10-30 by weight
Xylene	1330-20-7	0.1-1 by weight
Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	1-5 by weight
Silica, amorphous, precipitated and gel	112926-00-8	1-5 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

<b>Emergency Overview:</b>	Combustible. Irritant.
<b>Potential Health Effects:</b>	
<b>Eye:</b>	May cause irritation.
<b>Skin:</b>	May cause irritation.
<b>Inhalation:</b>	Prolonged or excessive inhalation may cause respiratory tract irritation.
<b>Ingestion:</b>	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
<b>Chronic Health Effects:</b>	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
<b>Signs/Symptoms:</b>	Overexposure can cause headaches, dizziness, nausea, and vomiting.
<b>Target Organs:</b>	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
<b>Aggravation of Pre-Existing Conditions:</b>	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

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## SECTION 4 - FIRST AID MEASURES

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<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
<b>Skin Contact:</b>	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<b>Other First Aid:</b>	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.

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## SECTION 5 - FIRE FIGHTING MEASURES

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<b>Flammable Properties:</b>	Combustible liquid.
<b>Flash Point:</b>	104°F (40°C)
<b>Flash Point Method:</b>	TOC
<b>Lower Flammable/Explosive Limit:</b>	1%
<b>Upper Flammable/Explosive Limit:</b>	7%
<b>Fire Fighting Instructions:</b>	Combustible. Cool fire-exposed containers using water spray.
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Unusual Fire Hazards:</b>	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

### **NFPA Ratings:**

NFPA Flammability:	2
NFPA Health:	1
NFPA Reactivity:	0

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## 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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

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## SECTION 7 - HANDLING and STORAGE

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Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

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## 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.

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### EXPOSURE GUIDELINES

#### Light Hydrotreated Distillate (Petroleum) :

Guideline ACGIH: TLV-TWA: 200 mg/m<sup>3</sup> (Negligible aerosol exposures)

#### Titanium dioxide :

Guideline ACGIH:	TLV-TWA: 10 mg/m3
Guideline OSHA:	OSHA-TWA: 15 mg/m3
<b><u>Talc (powder), containing no asbestos fibers :</u></b>	
Guideline ACGIH:	TLV-TWA: 2 mg/m3 (Respirable)
Guideline OSHA:	OSHA-TWA: 20 mg/m3
<b><u>Mineral spirits :</u></b>	
Guideline ACGIH:	TLV-TWA: 100 ppm
Guideline OSHA:	OSHA-TWA: 500 ppm
<b><u>Xylene :</u></b>	
Guideline ACGIH:	TLV-TWA: 100 ppm TLV-STEL: 150 ppm
Guideline OSHA:	OSHA-TWA: 100 ppm
<b><u>Silica, amorphous, precipitated and gel :</u></b>	
Guideline ACGIH:	TLV-TWA: 10 mg/m3
Guideline OSHA:	OSHA-TWA: 20 mg/m3

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## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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Physical State Appearance:	Liquid.
Boiling Point:	No Data
Melting Point:	No Data
Density:	10.7-11.3 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1).
pH:	No Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	104°F (40°C)
Flash Point Method:	TOC

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## 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, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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### **Solvent Naphtha (Petroleum), Light Aromatic :**

Eye:	Eye - Rabbit; Standard Draize Test. : 100 uL/24H; mild. (RTECS)
Ingestion:	Ingestion - Rat LD50: 8400 mg/kg; Behavioral - somnolence (general depressed

activity) Behavioral - tremor Lungs, Thorax, or Respiration - other changes (RTECS)

**Titanium dioxide :**

**Skin:** Skin - Rabbit; Standard Draize Test. : 300 ug/3D; (Intermittent) mild. (RTECS)

**Ingestion:** Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea  
Gastrointestinal - other changes. (RTECS)

**Carcinogenicity:** IARC: Group 2B: Possibly carcinogenic to humans.

**Talc (powder), containing no asbestos fibers :**

**Carcinogenicity:** IARC: Group 3: Unclassifiable as to carcinogenicity to humans.

**Mineral spirits :**

**Eye:** Eye - Rabbit; Standard Draize Test. : 500 mg/24H; Moderate. (RTECS)

**Inhalation:** Inhalation. - Rat LCLo: 8200 mg/m<sup>3</sup>/8H; Behavioral - tremor  
Inhalation. - Rat LC: >5500 mg/m<sup>3</sup>/4H; Behavioral - somnolence (general depressed activity) (RTECS)

**Ingestion:** Ingestion - Rat LD: >5 gm/kg; Behavioral - somnolence (general depressed activity) (RTECS)

**Xylene :**

**Eye:** Eye - Rabbit; Standard Draize Test. : 87 mg; mild.  
Eye - Rabbit; Standard Draize Test. : 5 mg/24H; severe. (RTECS)

**Skin:** Skin - Rabbit; Standard Draize Test. : 100%; Moderate.  
Skin - Rabbit; Standard Draize Test. : 500 mg/24H; Moderate. (RTECS)

**Inhalation:** Inhalation. - Rat LC50: 5000 ppm/4H; Details of toxic effects not reported other than lethal dose value. (RTECS)

**Ingestion:** Ingestion - Rat LD50: 4300 mg/kg; Liver - other changes Kidney, Ureter, Bladder - other changes  
Ingestion - Mouse LD50: 2119 mg/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)

**Carcinogenicity:** IARC: Group 3: Unclassifiable as to carcinogenicity to humans.

**Silica, amorphous, precipitated and gel :**

**Carcinogenicity:** IARC: Group 3: Unclassifiable as to carcinogenicity to humans.

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## 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.

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## 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.

**Important Disposal Information:** DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

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## SECTION 14 - TRANSPORT INFORMATION

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DOT Shipping Name: Paint.  
DOT UN Number: UN1263  
DOT Hazard Class: 3  
DOT Packing Group: III

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## SECTION 15 - REGULATORY INFORMATION

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### Light Hydrotreated Distillate (Petroleum) :

TSCA Inventory Status: Listed  
Canada DSL: Listed

### Solvent Naphtha (Petroleum), Light Aromatic :

TSCA Inventory Status: Listed  
Canada DSL: Listed

### Titanium dioxide :

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed

### Talc (powder), containing no asbestos fibers :

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed

### Mineral spirits :

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed

### Xylene :

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed

### Aluminum hydroxide (Al(OH)<sub>3</sub>) :

TSCA Inventory Status: Listed  
Canada DSL: Listed

### Silica, amorphous, precipitated and gel :

TSCA Inventory Status: Not listed  
Canada DSL: Listed

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Fire Hazard: 2  
HMIS Health Hazard: 1  
HMIS Reactivity: 0  
MSDS Creation Date: 11/01/2004

MSDS Revision Date: 5/9/2007  
MSDS Revision Notes: Quarterly Formula Updates.  
MSDS Author: Actio Corporation  
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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** BEHR® Oil-Base Interior/Exterior Semi-Gloss Enamel Deep Base No. 3830

**MSDS Manufacturer Number:** 3830

**Manufacturer Name:** BEHR Process Corporation

**Address:** 3400 W. Segerstrom Avenue  
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:** 06/26/2006

**MSDS Revision Date:** 2/20/2009



**HMIS**

Health Hazard	1
Fire Hazard	2
REACTIVITY	1
Personal Protection	X

\* Chronic Health Effects:

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Non hazardous ingredient(s)	No data	30 - 60 by weight
Silica, crystalline - quartz	14808-60-7	0.1 - 1 by weight
Undisclosed/Proprietary	No data	30 - 60 by weight
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	10 - 30 by weight
Talc, Magnesium silicate hydrate	14807-96-6	1 - 5 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

**Emergency Overview:** Combustible. Irritant.

**Potential Health Effects:**

**Eye:** May cause irritation.

<b>Skin:</b>	May cause irritation.
<b>Inhalation:</b>	Prolonged or excessive inhalation may cause respiratory tract irritation.
<b>Ingestion:</b>	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
<b>Chronic Health Effects:</b>	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
<b>Signs/Symptoms:</b>	Overexposure can cause headaches, dizziness, nausea, and vomiting.
<b>Target Organs:</b>	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
<b>Aggravation of Pre-Existing Conditions:</b>	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

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## SECTION 4 - FIRST AID MEASURES

---

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
<b>Skin Contact:</b>	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<b>Other First Aid:</b>	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

---

<b>Flammable Properties:</b>	Combustible liquid.
<b>Flash Point:</b>	104°F (40°C)
<b>Flash Point Method:</b>	TCC
<b>Lower Flammable/Explosive Limit:</b>	0.8
<b>Upper Flammable/Explosive Limit:</b>	6.7
<b>Fire Fighting Instructions:</b>	Combustible. Cool fire-exposed containers using water spray.
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Unusual Fire Hazards:</b>	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

### **NFPA Ratings:**

NFPA Flammability:	2
NFPA Health:	1
NFPA Reactivity:	1

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

---

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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

## SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
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

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

#### Silica, crystalline - quartz :

Guideline ACGIH: TLV-TWA: 0.025 mg/m<sup>3</sup> (Respirable)

Guideline OSHA: OSHA-TWA: 5 mg/m<sup>3</sup> Respirable

#### Distillates (petroleum), hydrotreated light: Kerosine - unspecified :

Guideline ACGIH: TLV-TWA: 200 mg/m<sup>3</sup> (Negligible aerosol exposures)

#### Talc, Magnesium silicate hydrate :

Guideline ACGIH: TLV-TWA: 2 mg/m<sup>3</sup> (Respirable)

Guideline OSHA:

OSHA-TWA: 20 mg/m<sup>3</sup>

---

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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Physical State Appearance: Liquid.  
Boiling Point: No Data  
Melting Point: No Data  
Density: 8 - 10 Lbs./gal.  
Vapor Density: Greater than 1 (Air = 1).  
pH: No Data  
Molecular Formula: Mixture  
Molecular Weight: Mixture  
Flash Point: 104°F (40°C)  
Flash Point Method: TCC  
VOC Content: Material VOC: 355 gm/l (Includes Water)  
Coating VOC.: 355 gm/l (Excludes Water)

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## 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, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 32 deg. F.  
Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**Silica, crystalline - quartz :**

RTECS Number: VV7330000

Inhalation: Inhalation. - Rat TCl<sub>0</sub>: 200 mg/kg; Lungs, Thorax, or Respiration - fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - other changes Nutritional and Gross Metabolic - changes in iron (RTECS)

Ingestion: Ingestion - Rat TDLo: 120 gm/kg; Gastrointestinal - hypermotility, diarrhea  
Gastrointestinal - other changes (RTECS)

RTECS Number: OA5504000

**Talc, Magnesium silicate hydrate :**

RTECS Number: WW2710000

Skin: Administration onto the skin - Human Standard Draize Test.: 300 ug/3D (intermittent) (RTECS)

---

## SECTION 12 - ECOLOGICAL INFORMATION

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

## SECTION 13 - DISPOSAL CONSIDERATIONS

**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.

**Important Disposal Information:** DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

## SECTION 14 - TRANSPORT INFORMATION

**DOT Shipping Name:** Paint.  
**DOT UN Number:** UN1263  
**DOT Hazard Class:** 3  
**DOT Packing Group:** III

## SECTION 15 - REGULATORY INFORMATION

### Silica, crystalline - quartz :

**TSCA Inventory Status:** Listed  
**State Regulations:** Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
**Canada DSL:** Listed

### Distillates (petroleum), hydrotreated light: Kerosine - unspecified :

**TSCA Inventory Status:** Listed  
**Canada DSL:** Listed

### Talc, Magnesium silicate hydrate :

**TSCA Inventory Status:** Listed  
**State Regulations:** Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
**Canada DSL:** Listed

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16 - ADDITIONAL INFORMATION

HMIS Fire Hazard: 2  
HMIS Health Hazard: 1  
HMIS Reactivity: 1  
HMIS Personal Protection: x  
MSDS Creation Date: 06/26/2006  
MSDS Revision Date: 2/20/2009  
MSDS Revision Notes: Quarterly formula update  
MSDS Author: Actio Corporation  
Disclaimer: This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.  
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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** BEHR® Oil-Base Interior/Exterior Semi-Gloss Enamel Pastel Base No. 3850

**MSDS Manufacturer Number:** 3850

**Manufacturer Name:** BEHR Process Corporation

**Address:** 3400 W. Segerstrom Avenue  
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:** 06/26/2006

**MSDS Revision Date:** 2/20/2009



**HMIS**

Health Hazard	1
Fire Hazard	2
REACTIVITY	1
Personal Protection	x

\* Chronic Health Effects:

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Talc, Magnesium silicate hydrate	14807-96-6	1 - 5 by weight
Undisclosed/Proprietary	No data	30 - 60 by weight
Amorphous silica	7631-86-9	1 - 5 by weight
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	10 - 30 by weight
Non hazardous ingredient(s)	No data	10 - 30 by weight
Titanium dioxide	13463-67-7	10 - 30 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

**Emergency Overview:** Combustible. Irritant.

**Potential Health Effects:**

Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Chronic Health Effects:	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

---

## SECTION 4 - FIRST AID MEASURES

---

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. 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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Flammable Properties:	Combustible liquid.
Flash Point:	104°F (40°C)
Flash Point Method:	TCC
Lower Flammable/Explosive Limit:	0.8
Upper Flammable/Explosive Limit:	6.7
Fire Fighting Instructions:	Combustible. Cool fire-exposed containers using water spray.
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.
Unusual Fire Hazards:	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

### **NFPA Ratings:**

NFPA Flammability:	2
NFPA Health:	1
NFPA Reactivity:	1

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

## SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
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

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

#### Talc, Magnesium silicate hydrate :

Guideline ACGIH: TLV-TWA: 2 mg/m<sup>3</sup> (Respirable)

Guideline OSHA: OSHA-TWA: 20 mg/m<sup>3</sup>

#### Distillates (petroleum), hydrotreated light: Kerosine - unspecified :

Guideline ACGIH: TLV-TWA: 200 mg/m<sup>3</sup> (Negligible aerosol exposures)

#### Titanium dioxide :

Guideline ACGIH: TLV-TWA: 10 mg/m<sup>3</sup>  
Guideline OSHA: OSHA-TWA: 15 mg/m<sup>3</sup>

---

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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Physical State Appearance: Liquid.  
Color: White  
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  
Flash Point: 104°F (40°C)  
Flash Point Method: TCC  
VOC Content: Material VOC: 362 gm/l (Includes Water)  
Coating VOC.: 362 gm/l (Excludes Water)

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## 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, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 32 deg. F.  
Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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### Talc, Magnesium silicate hydrate :

RTECS Number: WW2710000  
Skin: Administration onto the skin - Human Standard Draize Test.: 300 ug/3D (intermittent) (RTECS)

### Amorphous silica :

RTECS Number: EU8655000  
Eye: Eye - Rabbit; Standard Draize Test. : 25 mg/24H; mild. (RTECS)  
Inhalation: Inhalation. - Rat LCLo: 2190 mg/m<sup>3</sup>/4H; Lungs, Thorax, or Respiration - dyspnea (RTECS)  
Ingestion: Ingestion - Rat LDLo: 5 gm/kg; Nutritional and Gross Metabolic - other changes (RTECS)  
RTECS Number: OA5504000

### Titanium dioxide :

RTECS Number: XR2275000  
Skin: Skin - Rabbit; Standard Draize Test. : 300 ug/3D; (Intermittent) mild. (RTECS)  
Ingestion: Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea  
Gastrointestinal - other changes. (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

---

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.

Important Disposal Information: DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

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## SECTION 14 - TRANSPORT INFORMATION

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DOT Shipping Name: Paint.  
DOT UN Number: UN1263  
DOT Hazard Class: 3  
DOT Packing Group: III

---

## SECTION 15 - REGULATORY INFORMATION

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**Talc, Magnesium silicate hydrate :**

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

**Amorphous silica :**

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

**Distillates (petroleum), hydrotreated light; Kerosine - unspecified :**

TSCA Inventory Status: Listed  
Canada DSL: Listed

**Titanium dioxide :**

TSCA Inventory Status: Listed  
State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.  
Canada DSL: Listed  
WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Fire Hazard: 2  
HMIS Health Hazard: 1  
HMIS Reactivity: 1  
HMIS Personal Protection: x  
MSDS Creation Date: 06/26/2006  
MSDS Revision Date: 2/20/2009  
MSDS Revision Notes: Quarterly formula update  
MSDS Author: Actio Corporation  
Disclaimer: This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.  
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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** BEHR® Oil-Base Interior/Exterior Semi-Gloss Enamel Accent Base No. 3860

**MSDS Manufacturer Number:** 3860

**Manufacturer Name:** BEHR Process Corporation

**Address:** 3400 W. Segerstrom Avenue  
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:** 06/26/2006

**MSDS Revision Date:** 2/20/2009



HMIS	
Health Hazard	1
Fire Hazard	2
REACTIVITY	1
Personal Protection	X

\* Chronic Health Effects:

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Titanium dioxide	13463-67-7	5 - 10 by weight
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	10 - 30 by weight
Undisclosed/Proprietary	No data	30 - 60 by weight
Non hazardous ingredient(s)	No data	10 - 30 by weight
Talc, Magnesium silicate hydrate	14807-96-6	1 - 5 by weight
Amorphous silica	7631-86-9	0.1 - 1 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

**Emergency Overview:** Combustible. Irritant.

**Potential Health Effects:**

Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Chronic Health Effects:	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

---

## SECTION 4 - FIRST AID MEASURES

---

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. 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.

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## SECTION 5 - FIRE FIGHTING MEASURES

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Flammable Properties:	Combustible liquid.
Flash Point:	104°F (40°C)
Flash Point Method:	TCC
Lower Flammable/Explosive Limit:	0.8
Upper Flammable/Explosive Limit:	6.7
Fire Fighting Instructions:	Combustible. Cool fire-exposed containers using water spray.
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.
Unusual Fire Hazards:	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

### **NFPA Ratings:**

NFPA Flammability:	2
NFPA Health:	1
NFPA Reactivity:	1

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

## SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
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

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

#### Titanium dioxide:

Guideline ACGIH:	TLV-TWA: 10 mg/m <sup>3</sup>
Guideline OSHA:	OSHA-TWA: 15 mg/m <sup>3</sup>

#### Distillates (petroleum), hydrotreated light: Kerosine - unspecified:

Guideline ACGIH:	TLV-TWA: 200 mg/m <sup>3</sup> (Negligible aerosol exposures)
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#### Talc, Magnesium silicate hydrate:

Guideline ACGIH: TLV-TWA: 2 mg/m3 (Respirable)  
Guideline OSHA: OSHA-TWA: 20 mg/m3

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liquid.  
Color: White  
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  
Flash Point: 104°F (40°C)  
Flash Point Method: TCC  
VOC Content: Material VOC: 349 gm/l (Includes Water)  
Coating VOC.: 349 gm/l (Excludes Water)

## SECTION 10 - STABILITY and REACTIVITY

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

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Titanium dioxide :

RTECS Number: XR2275000  
Skin: Skin - Rabbit; Standard Draize Test. : 300 ug/3D; (Intermittent) mild. (RTECS)  
Ingestion: Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea  
Gastrointestinal - other changes. (RTECS)  
RTECS Number: OA5504000

### Talc, Magnesium silicate hydrate :

RTECS Number: WW2710000  
Skin: Administration onto the skin - Human Standard Draize Test.: 300 ug/3D  
(intermittent) (RTECS)

### Amorphous silica :

RTECS Number: EU8655000  
Eye: Eye - Rabbit; Standard Draize Test. : 25 mg/24H; mild. (RTECS)

**Inhalation:** Inhalation. - Rat LCLo: 2190 mg/m<sup>3</sup>/4H; Lungs, Thorax, or Respiration - dyspnea (RTECS)

**Ingestion:** Ingestion - Rat LDLo: 5 gm/kg; Nutritional and Gross Metabolic - other changes (RTECS)

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## 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.

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## 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.

**Important Disposal Information:** DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

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## SECTION 14 - TRANSPORT INFORMATION

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**DOT Shipping Name:** Paint.

**DOT UN Number:** UN1263

**DOT Hazard Class:** 3

**DOT Packing Group:** III

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## SECTION 15 - REGULATORY INFORMATION

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**Titanium dioxide :**

**TSCA Inventory Status:** Listed

**State Regulations:** Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.

**Canada DSL:** Listed

**Distillates (petroleum), hydrotreated light: Kerosine - unspecified :**

**TSCA Inventory Status:** Listed

**Canada DSL:** Listed

**Talc, Magnesium silicate hydrate :**

**TSCA Inventory Status:** Listed

**State Regulations:** Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.

**Canada DSL:** Listed

**Amorphous silica :**

TSCA Inventory Status: Listed

State Regulations: Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Fire Hazard: 2

HMIS Health Hazard: 1

HMIS Reactivity: 1

HMIS Personal Protection: x

MSDS Creation Date: 06/26/2006

MSDS Revision Date: 2/20/2009

MSDS Revision Notes: Quarterly formula update

MSDS Author: Actio Corporation

**Disclaimer:** This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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