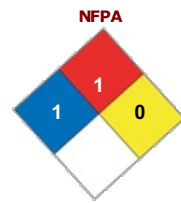


**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **Decorative Color Flakes No. 50 Gray**  
 MSDS Manufacturer Number: F-50  
 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: October 31, 2005  
 MSDS Revision Date: March 09, 2008  
 MSDS Format: ANSI



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	

\* Chronic Health Effects

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

Chemical Name	CAS#	Ingredient Percent	EC Num.
Copper compounds	No data	0 - 0.1 by weight	
Talc	14807-96-6	2 - 10 by weight	
Titanium dioxide	13463-67-7	1 - 10 by weight	
Barium Sulfate	7727-43-7	60 - 100 by weight	
Polyvinyl acetate	9003-20-7	10 - 30 by weight	
Potassium Triphosphate	13845-38-8	5 - 15 by weight	
Carbon Black	1333-86-4	0.1 - 0.5 by weight	

**SECTION 3 - HAZARDS IDENTIFICATION**

Emergency Overview: Irritant.  
 Potential Health Effects:  
 Eye: Can cause severe irritation, redness and swelling.  
 Skin: May cause irritation.  
 May be absorbed through the skin in harmful amounts.  
 Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.  
 Overexposure can cause headaches, dizziness, nausea, and vomiting.  
 Repeated or prolonged inhalation may cause toxic effects.  
 Ingestion: Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.  
 May cause central nervous system depression.  
 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.  
 May aggravate pre-existing liver, kidney and blood disorders.

**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

Flash Point:	No Data
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.

### **NFPA Ratings:**

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

## 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:	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

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Formaldehyde is produced during curing.
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. Do not store in temperatures above 120 °F or below 32 °F.
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:**

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

#### **Titanium dioxide:**

Guideline ACGIH:	TLV-TWA: 10 mg/m3
Guideline OSHA:	OSHA-TWA: 15 mg/m3

#### **Barium Sulfate:**

Guideline ACGIH:	ACGIH TLV-TWA 10 mg/m3
Guideline OSHA:	OSHA PEL-TWA 5 mg/m3

#### **Carbon Black:**

Guideline ACGIH:	TLV-TWA: 3.5 mg/m3
Guideline OSHA:	OSHA-TWA: 3.5 mg/m3

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Solid (Flakes)
Color:	Gray
Boiling Point:	Not applicable.
Melting Point:	Not applicable.

Specific Gravity:	1.1 - 1.2
Solubility:	No information.
Vapor Density:	No information.
Vapor Pressure:	No information.
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	No Data

## SECTION 10 - STABILITY and REACTIVITY

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. Temperatures above 120 °F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Talc :</b>	
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans.
<b>Titanium dioxide :</b>	
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.
<b>Polyvinyl acetate :</b>	
Ingestion:	Oral - Mouse LD: >25 gm/kg - [Details of toxic effects not reported other than lethal dose value.] (RTECS)
<b>Carbon Black :</b>	
RTECS Number:	FF5800000
Skin:	Skin - Rabbit LD50: >3 gm/kg; Details of toxic effects not reported other than lethal dose value.] (RTECS)
Ingestion:	Ingestion - Rat LD50: >15400 mg/kg; Behavioral - somnolence (general depressed activity) (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans.

## 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.
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## SECTION 14 - TRANSPORT INFORMATION

DOT UN Number:	No Data
DOT Hazard Class:	No Data

## SECTION 15 - REGULATORY INFORMATION

California PROP 65:	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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### **Talc :**

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
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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
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### **Barium Sulfate :**

TSCA Inventory Status:	Listed
State Regulations:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the Pennsylvania State Hazardous Substances List.

### **Polyvinyl acetate :**

TSCA Inventory Status:	Listed
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**Carbon Black :**

<b>TSCA Inventory Status:</b>	Listed
<b>State Regulations:</b>	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
<b>California PROP 65:</b>	Listed in California Prop65 list
<b>Canada DSL:</b>	Listed

**SECTION 16 - ADDITIONAL INFORMATION**

<b>HMIS Health Hazard:</b>	1
<b>HMIS Fire Hazard:</b>	1
<b>HMIS Reactivity:</b>	0
<b>MSDS Creation Date:</b>	October 31, 2005
<b>MSDS Revision Date:</b>	March 09, 2008
<b>MSDS Revision Notes:</b>	Quarterly and format update
<b>MSDS Author:</b>	Actio Corporation
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