



# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

Product name: BEHR PREMIUM PLUS Interior Semi-Gloss Enamel - Ultra Pure White

Issue date: 04-November-2019

Revision date: 05-February-2020

Version #: 02

## SECTION 1 Chemical product and company identification

Chinese name of chemical	<b>NEEDED – CHINESE NAME OR TRADE NAME WITH CHINESE PRODUCT TYPE DESCRIPTOR</b>
English name of chemical	<b>BEHR PREMIUM PLUS Interior Semi-Gloss Enamel - Ultra Pure White</b>
Product number	3050
Supplier	Behr (Beijing) Paint Company Ltd., Shanghai Branch 318 Fuzhou Road, Suite 1801 Shanghai 200001 China
Telephone	+86 21 53083000 ext 6627
Emergency telephone	+1 760 476 3962 +1 866 519 4752
Access code	335213

### Recommended use and Limitations on use

Recommended use	Architectural Coating
Issue date	04-November-2019
Revision date	05-February-2020
Supersedes date	04-November-2019

## SECTION 2 Hazards identification

Emergency overview	Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.
Hazard categories	Not classified.
Label elements	
Pictograms	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Physical and chemical hazards	The product is stable and non-reactive under normal conditions of use, storage and transport. No unusual fire or explosion hazards noted.
Health hazards	Expected to be a low ingestion hazard. Direct contact with eyes may cause temporary irritation.
Environmental hazards	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Supplemental information	None.

## SECTION 3 Composition/information on ingredients

Substance/mixture	Mixture	
Chemical name	Concentration (%)	CAS Number
二氧化钛 Titanium dioxide	10 - 30	13463-67-7
Composition comments	All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.	

**SECTION 4 First aid measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms and health effects</b>	Direct contact with eyes may cause temporary irritation.
<b>Personal protection for first-aid responders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Notes to physician</b>	Treat symptomatically.

**SECTION 5 Fire-fighting measures**

<b>Extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Extinguishing media to avoid</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards</b>	During fire, gases hazardous to health may be formed.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk.
<b>Protection of fire-fighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

**SECTION 6 Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Clean-up methods and materials and containment measures</b>	This product is miscible in water.  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: Wipe up with absorbent material (e.g. cloth, fleece). 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.
<b>Prevention of secondary hazards</b>	None known.

**SECTION 7 Handling and storage**

<b>Handling</b>	Observe good industrial hygiene practices.
<b>Storage</b>	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**SECTION 8 Exposure controls/personal protection**

<b>Exposure limits</b>			
<b>China</b>			
<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Titanium dioxide (CAS 13463-67-7)	PC-TWA	8 mg/m <sup>3</sup>	Total dust.
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).		
<b>Monitoring methods</b>	Follow standard monitoring procedures.		
<b>Engineering measures</b>	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.		

**Personal protective equipment**

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. 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.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear suitable protective clothing.

<b>Hygiene measures</b>	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.
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**SECTION 9 Physical and chemical properties****Appearance**

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	White.
<b>Odor</b>	Slight.
<b>pH</b>	7 - 10
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	> 99 °F (> 37.2 °C)
<b>Flash point</b>	Not applicable.
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.26
<b>Density</b>	10.50 lbs/gal
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Other data</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>Viscosity</b>	50 - 140 ku (25 °C)
<b>VOC</b>	1 g/l (including water) (Material) 2 g/l (excluding water) (Coating)

**SECTION 10 Stability and reactivity**

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

**SECTION 11 Toxicological information****Acute toxicity**

Components	Species	Test Results
3-Iodo-2-propynyl butylcarbamate (CAS 55406-53-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	1 g/kg
Titanium dioxide (CAS 13463-67-7)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Rat	3.43 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
<b>Routes of exposure</b>	Ingestion. Inhalation. Skin contact. Eye contact.	
<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation.	
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitizer</b>	This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.	
<b>Toxic to reproduction</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Specific target organ toxicity following single exposure</b>	Not classified.	
<b>Specific target organ toxicity following repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not an aspiration hazard.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful.	
<b>SECTION 12 Ecological information</b>		
<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous.	
<b>Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.	
<b>Bioaccumulation</b>	No data available.	
<b>Mobility in soil</b>	This product is miscible in water.	
<b>Other hazardous effects</b>	No data available.	
<b>SECTION 13 Disposal considerations</b>		
<b>Residual waste</b>	Dispose of 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.	
<b>Contaminated packaging</b>	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.	
<b>Local disposal regulations</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.	
<b>SECTION 14 Transport information</b>		
<b>CNDG</b>		
Not regulated as dangerous goods.		
<b>IATA</b>		
Not regulated as dangerous goods.		

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**SECTION 15 Regulatory information****Law of the People's Republic of China on Prevention and Control of Occupational Diseases****Classification of occupational disease hazards**

Titanium dioxide (CAS 13463-67-7)

**Regulations on the Control over Safety of Dangerous Chemicals**

Not regulated.

**Other regulations**

This safety data sheet was prepared in accordance with GB/T 16483-2008 (Safety Data Sheet for Chemical Products - Content and Order of Sections) and GB/T 17519-2013 (Guidance on the Compilation of Safety Data Sheet for Chemical Products).

**China. National Catalogue of Hazardous Wastes**

3-Iodo-2-propynyl butylcarbamate (CAS 55406-53-6)

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Montreal Protocol**

Not applicable.

**Kyoto protocol**

Not applicable.

**Basel Convention**

Not applicable.

**SECTION 16 Other information****References**

EPA: AQUIRE database  
GB6944-2012: Classification and Code of Dangerous Goods.  
GB12268-2012: List of Dangerous Goods.  
NLM: Hazardous Substances Data Base  
US. IARC Monographs on Occupational Exposures to Chemical Agents

**List of abbreviations**

LD50: Lethal Dose, 50%.  
LC50: Lethal Concentration, 50%.  
IATA: International Air Transport Association.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
IMDG Code: International Maritime Dangerous Goods Code.  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
PC-TWA: Permissible concentration-time weighed average.

**Disclaimer**

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