

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT:** # 218GBC Acrylic Base Coat - Gray

**SECTION 1 PRODUCT IDENTIFICATION**

Trade Name: Gray Acrylic Base Coat  
 Hazardous Rating: 1 – Health 0 – Fire 0 – Reactivity  
 (0 = Least; 4 = Extreme)

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

<u>% By Wt</u>	<u>CAS #</u>	<u>INGREDIENT</u>	<u>UNITS</u>
19	471-34-1	Calcium Carbonate	
		ACGIH TLV	10 mg/m <sup>3</sup> as Dust
		OSHA PEL	15 mg/m <sup>3</sup> Total Dust
		OSHA PEL	5 mg/m <sup>3</sup> Respirable Fraction
9	13463-67-7	Titanium Dioxide	
		ACGIH TLV	10 mg/m <sup>3</sup> as Dust
		OSHA PEL	10 mg/m <sup>3</sup> Total Dust
		OSHA PEL	5 mg/m <sup>3</sup> Respirable Fraction

**SECTION 3 HAZARDS IDENTIFICATION**

Routes of Exposure:

Inhalation of vapor or spray mist  
 Eye or Skin contact with the product, vapor or spray mist

Effects of Overexposure:

Eyes - Irritation  
 Skin - Prolonged or repeated exposure may cause irritation  
 Inhalation - Irritation of the upper respiratory system

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

Signs and Symptoms of Overexposure:

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure: None generally recognized

Cancer Information: For complete discussion of toxicology data refer to Section 11

**SECTION 4 FIRST AID MEASURES**

Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Ingestion: Do not induce vomiting. Get medical attention immediately.

**SECTION 5 FIRE FIGHTING MEASURES**

Flash Point: LEL UEL

Not Applicable NA NA

Flammable Classification: Not Applicable

Extinguishing Media: Carbon Dioxide, Dry Chemical, Alcohol Foam

Unusual Fire and Explosion Hazards: Closed containers may explode (due to the build-up or pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard.

Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures:

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool

closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Steps to be taken in case material is released or spilled:

- Remove all sources of ignition
- Ventilate area
- Remove with inert absorbent

#### **SECTION 7 HANDLING and STORAGE**

Storage Category: Not Applicable

Precautions to be taken in handling and storage:

- Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

#### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Precautions to be taken in use:

- Use only with adequate ventilation.
- Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
- Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and clean up. For more information, call the National Lead Information Center at 800-424-LEAD (in US) or contact your local health authority.

Ventilation:

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

Respiratory Protection:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

Protective Gloves:

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

Eye Protection:

Wear safety spectacles with unperforated sideshields.

#### **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Product Weight: 10.43 Lbs./Gal      1260 g/L  
Specific Gravity: 1.26  
Boiling Point: 212° to 213° F      100° - 100° C  
Melting Point: Not Available

Volatile Volume: 49%  
 Evaporation Rate: Slower than Ether  
 Vapor Density: Heavier than Air  
 Solubility in Water: N/A  
 pH: 8.5  
 Volatile Organic Compounds (VOC Theoretical - As Packaged)  
 0.26 lb/gal      31 g/l      Less Water and Federally Exempt Solvents  
 0.13 lb/gal      16 g/l      Emitted VOC

#### **SECTION 10 STABILITY AND REACTIVITY**

Stability: Stable  
 Conditions to Avoid: None known  
 Incompatibility: None known  
 Hazardous Decomposition Products:  
   By Fire: Carbon Dioxide, Carbon Monoxide  
 Hazardous Polymerization: Will not occur

#### **SECTION 11 TOXICOLOGICAL INFORMATION**

Chronic Health Hazards:  
 No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.  
 Rats exposed to titanium dioxide dust at 250 mg/m<sup>3</sup> developed lung cancer, however, such exposure levels are not attainable in the workplace.

Toxicology Data:

<u>CAS #</u>	<u>Ingredient Name</u>				
471-34-1	Calcium Carbonate	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available
13463-67-7	Titanium Dioxide	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available

#### **SECTION 12 ECOLOGICAL INFORMATION**

Ecotoxicological Information: No Data Available

#### **SECTION 13 DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.  
 Incinerate in approved facility. Do not incinerate closed container.  
 Dispose of in accordance with Federal, state and local regulations regarding pollution.

#### **SECTION 14 TRANSPORT INFORMATION**

US Ground (DOT): Not Regulated for Transportation  
 Canada (TDG): Not Regulated for Transportation  
 IMO: Not Regulated for Transportation

#### **SECTION 15 REGULATORY INFORMATION**

SARA 313 (40 CFR 372.65C) Supplier Notification:  
 No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.  
 California Proposition 65:  
 WARNING: This product contains chemicals known to the State of California to cause cancer.  
 TSCA Certification:  
 All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

#### **SECTION 16 OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

ensure safe work place operations. Please consult your local sales representative for any further information.

Dated: May 10, 2007