

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: *P-160 Bleed-Block Primer*
CHEMICAL FAMILY NAME: Water based acrylic coating
U.N. NUMBER: Not Regulated
U.N. DANGEROUS GOODS CLASS: Not Regulated
SUPPLIER/MANUFACTURER'S NAME: *Progressive Materials, LLC*
ADDRESS: 540 Central Ct, New Albany, IN 47150 USA
EMERGENCY PHONE: TOLL-FREE in USA/Canada - Chemtrec: 1-800-424-9300
 National Poison Control Center (U.S.): 1-800-222-1222
BUSINESS PHONE: 812-944-7803 (Product Information)
WEBSITE: www.pmsilicone.com
DATE OF CURRENT REVISION: November 10, 2016
DATE OF LAST REVISION: November 10, 2016

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a viscous liquid, black in color, with an Ammonia odor.

Health Hazards: None known.

Flammability Hazards: None known.

Reactivity Hazards: None known.

Environmental Hazards: None known.

Emergency Considerations: Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e.g. dry sand or earth) and collect for proper disposal.

US DOT SYMBOLS

Not regulated

CANADA (WHMIS) SYMBOLS

Not regulated

EUROPEAN AND (GHS) HAZARD SYMBOLS



Signal Word: Danger

See Section 14 for Details

GHS Classification of Substance or Mixture In Accordance with 29 CFR 1200 (OSHA HCS) and The European Union Directives:

This product meets the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

Component(s) Contributing to Classification(s):

Titanium dioxide (Rutile); Crystalline Quartz Silica

GHS Hazard Classifications:

Carcinogenicity Category 1A

Hazard Statements:

H350: May cause cancer

Precautionary Statements:

P201: Obtain special instructions before use

P202: Do not handle until all safety precautions have been read and understood

P280: Wear permeation resistant protective gloves and clothing. Wear eye and face protection.

Health Hazards or Risks from Exposure:

Acute: None expected

Chronic: None

Target Organs:

Acute: None

Chronic: None

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Titanium dioxide (Rutile)	13463-67-7	Not Listed in ESIS	Not Listed	1-5%	Carcinogenicity Category 2 Inhalation. Specific target organ toxicity – single exposure Category 3 Respiratory system.
Crystalline Quartz Silica	14808-60-7	Not Listed in ESIS	Not Listed	0.1-1%	Acute toxicity Category 4 Oral. Carcinogenicity Category 1A. Specific target organ toxicity - repeated exposure Category 1 Lungs.

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

Target Organs: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Move to fresh air

Eye Contact: In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

Skin Contact: In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.

Inhalation: If inhaled, remove to fresh air. Get medical attention if irritation develops.

Ingestion: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point:

Not applicable (water based product), however, solid material will support combustion if water has been evaporated.

Autoignition Temperature:

Not applicable

Flammable Limits (in air by volume, %):

Lower (LEL): Not applicable Upper (UEL): Not applicable

Fire Extinguishing Materials:

No data available.

Unusual Fire and Explosion Hazards:

Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

Explosion Sensitivity to Static Discharge:

Not Sensitive.

Special Fire-Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill and Leak Response: Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e.g. dry sand or earth) and collect for proper disposal.

Environmental Precautions: Waste disposal should be in accordance with existing federal, state and local environmental control laws.

SECTION 7 - HANDLING and STORAGE

Work Practices and Hygiene Practices: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

Handling/Storage Precautions: Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use. Protect from freezing.

Container Precautions: Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Exposure Limits/Guidelines:

COMPONENT	CAS-No.	AGENCY	LIMIT TYPE
Titanium dioxide (Rutile)	13463-67-7	ACGIH TWA	10 mg/m ³
		OSHA Table Z-1	15 mg/m ³
Crystalline Quartz Silica	14808-60-7	ACGIH TWA OSHA Table Z-3	0.025 mg/m ³ 2.4M/cu. Ft.

Ventilation and Engineering Controls: When handling this product, ventilation of the work area is recommended. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit..

Hand Protection: Permeation resistant gloves, Neoprene gloves

Eye Protection: Chemical safety goggles or safety glasses with side-shields

Skin Protection: Wear as appropriate, disposable one-piece overall with integral hood, impervious protective clothing.

Additional Protective Measures: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance & Odor	Viscous liquid, Gray in color, Amine odor
Odor Threshold (PPM):	No data available
Vapor Pressure (mmHg):	17 mmHg @ 68°F similar to water
Vapor Density:	No data available
Evaporation Rate (nBuAc = 1):	No data available
Boiling Point (C°):	100 °C (212 °F) similar to water
Freezing Point (C°):	No data available
pH:	No data available
Specific Gravity 20°C (Water = 1):	1.44
Solubility in Water (%)	No data available

SECTION 10 - STABILITY and REACTIVITY

Stability: Stable

Decomposition Products: By Thermal Decomposition: carbon monoxide, carbon dioxide, Acrylic monomers, and other potentially toxic fumes

Materials with Which Substance Is Incompatible: None known.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

SECTION 11 - TOXICOLOGICAL INFORMATION**Toxicity Data:**

13463-67-7 LD50 Acute Oral Toxicity	>5,000 mg/kg	Rat
13463-67-7 LD50 Acute Inhalation Toxicity	>6.82 mg/l	Rat
13463-67-7 LD 50 Acute Dermal Toxicity	>10,000 mg/kg	Rat

Suspected Cancer Agent: None known.**Irritancy of Product:** Non-irritating**Sensitization of Product:** Non-sensitizingp**Reproductive Toxicity Information:** Not available**SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** None known**SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** None known**ASPIRATION HAZARD:** None known**SECTION 12 - ECOLOGICAL INFORMATION****ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.****Environmental Stability:** No specific data is available for this product; however this product is not expected to be readily biodegradable**Effect of Material on Plants or Animals:** No specific data is currently available on this product's effects on plants or animals.**Effect of Chemical on Aquatic Life:** No specific data is currently available on this product's effects on aquatic life.**Specific Component Data:**

None available.

Test & Species Conditions:

None available.

SECTION 13 - DISPOSAL CONSIDERATIONS**Preparing Wastes for Disposal:** Waste disposal should be in accordance with existing federal, state and local environmental control laws.**RCRA Waste Code:** None listed.**EU Waste Code:** None listed.**SECTION 14 - TRANSPORTATION INFORMATION****US DOT; IATA; IMO; ADR:****THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.**

This product has been tested to the ASTM D-4206 Standard and determined that it does not sustain combustion. As result it is exempt from regulations when shipped ground or rail within the U.S.A.

PROPER SHIPPING NAME: Non-Regulated when shipped ground or rail with U.S.A.**HAZARD CLASS NUMBER and DESCRIPTION:** None**UN IDENTIFICATION NUMBER:** None**PACKING GROUP:** None**DOT LABEL(S) REQUIRED:** None**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** None**MARINE POLLUTANT:** None**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:**

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH

PROPER SHIPPING NAME: Non regulated

HAZARD CLASS NUMBER and DESCRIPTION: Non regulated

PACKING GROUP: Non regulated

DOT LABEL(S) REQUIRED: Non regulated

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

Harmonized Tariff Code: Not Listed

SECTION 15 - REGULATORY INFORMATION

United States Regulations:

SARA Reporting Requirements: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: Chronic health hazard

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute No Chronic Health: Yes Fire: No Reactivity: No

U.S. SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA Reportable Quantity (RQ): None

California Safe Drinking Water And Toxic Enforcement Act (Proposition 65): This product contains trace levels of a component or components known to the state of California to cause cancer: Dioxane; Acetaldehyde

Canadian Regulations:

Canadian DSL/NDSL Inventory Status: All of the components of this product are on the DSL Inventory

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists: No component of this product is on the CEPA First Priorities Substance Lists.

Canadian WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as a Class B Division 3 Combustible liquid, and Class D Division 2B Materials causing other toxic effects, as per the Controlled Product Regulations.

European Economic Community Information:

EU Labeling and Classification: Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

Australian Information For Product:

Australian Inventory Of Chemical Substances (AICS) Status: All components of this product are listed or exempt from listing on the AICS.

Standard For The Uniform Scheduling Of Drugs And Poisons: Not applicable.

Japanese Information For Product:

Japanese Minister Of International Trade And Industry (MITI) Status: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:

Australian Inventory of Chemical Substances (AICS):

Korean Existing Chemicals List (ECL):

Japanese Existing National Inventory of Chemical Substances (ENCS):

Philippines Inventory of Chemicals and Chemical Substances (PICCS):

Swiss Giftliste List of Toxic Substances:

U.S. TSCA:

Listed or exempt from listing

Listed or exempt from listing

Listed or exempt from listing

Listed or exempt from listing

Listed or exempt from listing

Listed or exempt from listing

Listed

SECTION 16 - OTHER INFORMATION

Disclaimer: The information and recommendations in this document are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes. Because of numerous factors affecting results, Progressive Materials, LLC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than the material conforms to our applicable current specifications. Progressive Materials, LLC assumes no legal responsibility for use or reliance on the information contained in this Material Safety Data Sheet.