

# SAFETY DATA SHEET



## Section 1: Identification

**Product Trade Name:** *PROCALIBER PRODUCTS Grout, Tile & Appliance Touch-Up Paint Pen*  
**Part (Item) Number(s):** 31-20-4  
**Manufacturer/Supplier:** Quest Industrial Products  
**Address:** PO Box 1090  
**City, State, Zip:** Menomonee Falls, WI 53052-1090  
**Emergency Telephone Number:** (800) 424-9300 (Chemtrec)  
**Information Telephone Number:** 262-255-9500  
**Date Revised:** 5/14/2015

## Section 2: Hazard(s) Identification

**HAZARD IDENTIFICATION** This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.  
This substance is classified as a hazardous air pollutant.

### EMERGENCY OVERVIEW:

- Harmful if swallowed.
- Harmful if inhaled.
- Causes eye irritation.
- Causes skin irritation.
- Vapors irritating to eyes and respiratory tract.
- Extremely flammable liquid and vapor.
- Vapors may cause flash fire or explosion.

### EYE:

May cause severe eye irritation.

### SKIN:

- May cause skin irritation.
- Prolonged contact with the skin can cause chemical burns.
- Product contains a component which can be absorbed through the skin.
- Excessive exposure may cause hemolysis (red blood cell damage) which can impair the blood's ability to transport oxygen.
- Material may aggravate an existing dermatitis.

### INHALATION:

- Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation.
- Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death.
- Excessive inhalation of vapors can cause nasal and respiratory irritation.
- Liquid or vapor may be irritating to skin, eyes, throat or lungs.
- Breathing of mist can cause irritation of nasal and respiratory passages.
- Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

### INGESTION:

- Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis.
- Aspiration of material into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.
- May cause nausea, vomiting and diarrhea.

### CHRONIC EFFECTS:

Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals:

- Kidney damage
- Eye damage
- Liver damage
- Anemia

Chronic overexposure to a component or components in this product has been suggested as a cause of the following effects in humans:

- Cardiac abnormalities

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Contains butyl benzyl phthalate which has been shown to cause cancer in at least one study in laboratory animals. Butyl benzyl phthalate is listed by the National Toxicology Program (NTP) as producing significant maternal and developmental toxicity.

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 with this material.

The exposure risk of crystalline silica is higher when the respirable portion is available for exposure. The risk of exposure may be reduced when encapsulated in a coating. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications.

In February 2000 the International Agency for Research on Cancer (IARC) classified ethylbenzene as possibly carcinogenic to humans (Group 2B) on the basis of sufficient evidence for carcinogenicity in experimental animals but inadequate evidence for cancer in humans.

## Section 3: Composition/Information on Ingredients

### Hazardous Components:

#### 1 ETHYLBENZENE

CAS# 100-41-4

PCT By WT: 0.772

Vapor Pressure: 7 MMHG @ 68F LEL 0.8

#### EXPOSURE LIMIT:

- ACGIH TLV-TWA 100 ppm
- ACGIH TLV-STEL 125 ppm
- OSHA PEL-TWA 100 ppm
- OSHA PEL-STEL 125 ppm

OTHER IARC (2B), CALIFORNIA PROP 65 (Cancer 6/11/2004)

LD50(ORAL) 3500 mg/kg (rat)

LD50(DERMAL) 20574 mg/kg (rabbit)

LC50 17623 mg/m3 (rat)

OTHER LIMITS:

PROP 65-Cancer,listed 6/11/04 EINECS 202-849-4

CAS# 107-87-9

PCT BY WT: 14.0000 LEL 1.50

**2 PENTANONE**

EXPOSURE LIMIT:

ACGIH TLV-TWA 200 ppm

ACGIH TLV-STEL 250 ppm

OSHA PEL-TWA 200 ppm

COMPANY N.E.

**3 TITANIUM DIOXIDE**

CAS# 13463-67-7

PCT BY WT: 7.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 10 mg/m3

COMPANY N.E.

LD50(ORAL) > 24000 mg/kg (rat)

LC50 > 6820 mg/m3 (rat)

OTHER LIMITS:

EINECS 236-675-5

CAS# 1330-20-7

PCT BY WT: 3.0000 VAPOR PRESSURE: 6.600 MMHG @ 68F LEL 1.00

**4 XYLENE**

EXPOSURE LIMIT:

ACGIH TLV-TWA 100 ppm

ACGIH TLV-STEL 150 ppm

OSHA PEL-TWA 100 ppm

OSHA PEL-STEL 150 ppm

COMPANY N.E.

LD50(ORAL) 4300 mg/kg (rat)

LD50(DERMAL) 1700 mg/kg (rabbit)

LC50 18892 mg/m3 (rat)

OTHER LIMITS:

EINECS 215-535-7

CAS# 28262-63-7

Poly(Methyl Methacrylate/n-Butyl Methacrylate/Methacrylic Acid)

**5 ACRYLIC POLYMER**

EXPOSURE LIMIT:

ACGIH TLV-TWA N.E.

ACGIH TLV-STEL N.E.

OSHA PEL-TWA N.E.

COMPANY N.E.

PCT BY WT: 6.0000

**6 BUTYL BENZYL PHTHALATE**

CAS# 85-68-7

PCT BY WT: 1.0000 LEL .30

EXPOSURE LIMIT:

ACGIH TLV-TWA 5 mg/m3

ACGIH TLV-STEL N.E.

OSHA PEL-TWA 5 mg/m3

OTHER CALIFORNIA PROP 65-Developmental(listed 12/2/05)

OTHER LIMITS:

EINECS 201-622-7

CAS# 67-64-1

PCT BY WT: 19.0000 VAPOR PRESSURE: 231.000 MMHG @ 68F LEL 2.60

**7 ACETONE**

EXPOSURE LIMIT:

ACGIH TLV-TWA 750 ppm

ACGIH TLV-STEL 1000 ppm

OSHA PEL-TWA 750 ppm

OSHA PEL-STEL 1000 ppm

COMPANY N.E.

LD50(ORAL) 5340 mg/kg (rabbit)

LD50(DERMAL) 20000 mg/kg (rabbit)

LC50 70852 mg/m3 (rat)

OTHER LIMITS:

EINECS 200-662-2

CAS# 2807-30-9

PCT BY WT: 2.0000 VAPOR PRESSURE: 1.200 MMHG @ 68F LEL 1.30

**8 ETHYLENE GLYCOL MONOPROPYL ETHER**

EXPOSURE LIMIT:

ACGIH TLV-TWA NO INFO

ACGIH TLV-STEL NO INFO

**9 ETHYL 3-ETHOXYPROPIONATE**

CAS# 763-69-9

PCT BY WT: 6.0000 VAPOR PRESSURE: 1.110 MMHG @ 68F LEL 1.10

EXPOSURE LIMIT:

ACGIH TLV-TWA 50 ppm

ACGIH TLV-STEL NONE EST.

OSHA PEL-TWA 50 ppm

COMPANY N.E.

OTHER LIMITS:

EINECS 212-112-9

**10 GLYCOL ETHER PM ACETATE**  
EXPOSURE LIMIT:  
ACGIH TLV-TWA NOT ESTABLISHED  
ACGIH TLV-STEL NOT ESTABLISHED  
LD50(ORAL) 8500 mg/kg (rat)  
LD50(DERMAL) 5000 mg/kg (rat)  
LC50 5321 mg/m3 (rat)

CAS# 108-65-6  
  
EINECS 203-603-9  
CAS# 108-10-1

PROPYLENE GLYCOL METHYL ETHER ACETATE  
PCT BY WT: 30.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30

**11 Methyl Isobutyl Ketone**  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 50 ppm  
ACGIH TLV-STEL 75 ppm  
OSHA PEL-TWA 100 ppm  
OSHA PEL-STEL N/A  
COMPANY N/A

EINECS 203-603-9  
CAS# 108-10-1  
  
EINECS 203-550-1

4-Methyl-2-pentanone  
PCT BY WT: 1.0000 VAPOR PRESSURE: 16.000 MMHG @ 68F LEL 1.20

#### Section 4: First-Aid Measures

**EYE CONTACT:**

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. Flush with large quantities of water for 15 minutes.

**SKIN CONTACT:**

Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse. Wash thoroughly with soap and water and seek medical attention if irritation persists. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INHALATION:**

For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

**INGESTION:**

Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

#### Section 5: Fire-Fighting Measures

EXTINGUISHING MEDIA: Use Dry Chemical, Carbon Dioxide or Chemical Foam.  
FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT: Explosion Level . . . . . : Low (LEL) - .3 - High (UEL)- 100.0

**FIRE-FIGHTING PROCEDURES AND EQUIPMENT:**

Keep containers tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back. Flashpoint . . . . . : 4.0- øF  
Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

#### Section 6: Accidental Release Measures

CLEAN-UP AND CONTAINMENT:  
Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire. Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

#### Section 7: Handling and Storage

HANDLING: Wash hands thoroughly after handling.  
STORAGE: Store in a cool dry area with ventilation suitable for storing materials shown in Section 3  
Keep away from heat, sparks and flame.  
  
Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

#### Section 8: Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.  
RESPIRATORY PROTECTION: If workplace exposure limits are exceeded for any component(see section 3 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.  
SKIN PROTECTION: Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.  
EYE PROTECTION: Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.  
OTHER PROTECTIVE EQUIPMENT: Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.  
HYGIENIC PRACTICES: Wash hands before eating or smoking. Smoke in designated areas only.

## Section 9: Physical and Chemical Properties

Vapor Pressure . . . . . : 231.00 mm Hg @ 20 C  
Vapor Density . . . . . : 3.70  
Boiling Range . . . . . : Lower - 133.0 øF  
Higher - 999.0 øF  
Specific Gravity . . . . . : .969  
Formula Weight per Volume . . . . . : 8.0660 LB/GL  
VOC (Calculated, LB/GAL) . . . . . : 6.254  
VOC (Calculated, GM/L) . . . . . : 749.41  
Percent Volatile by Weight. . . . . : 77.4042  
Percent Volatile by Volume . . . . . : 85.5437  
Evaporation Rate . . . . . : 7.700 (n-Butyl Acetate = 1)  
Viscosity . . . . . : -N/A

## Section 10: Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with heat, sparks, and open flame.  
INCOMPATIBILITIES: Strong oxidizing agents.  
DECOMPOSITION: Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.  
POLYMERIZATION: No hazardous polymerization will occur under normal conditions.  
STABILITY: The product is stable under normal storage conditions.

## Section 11: Toxicological Information

No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

## Section 12: Ecological Information (non-mandatory)

No specific ecological information is available for this product.

## Section 13: Disposal Considerations (non-mandatory)

WASTE DISPOSAL: Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

## Section 14: Transport Information (non-mandatory)

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II (Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL (Regulatory sources: IATA Quantity Exemptions - Table 2.8.4, 2.7.A, 2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL (Regulatory sources: IATA Quantity Exemptions - Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

## Section 15: Regulatory Information (non-mandatory)

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

ETHYLBENZENE CAS# 100-41-4 PCT BY WT: .7720  
XYLENE CAS# 1330-20-7 PCT BY WT: 3.3730  
ETHYLENE GLYCOL MONOPROPYL ETHER CAS# 2807-30-9 PCT BY WT: 2.4580  
4-Methyl-2-pentanone CAS# 108-10-1 PCT BY WT: 1.3850  
\*\*\* 4-Methyl-2-pentanone CAS# 108-10-1 PCT BY WT: 1.3850

FEDERAL REGULATIONS: TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS: This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as:

Warning! This product contains a chemical or chemicals known to the State of California to cause cancer.

Warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW No non-hazardous ingredients are among the top five ingredients

PENNSYLVANIA RIGHT-TO-KNOW The following non-hazardous ingredients are present in the product at greater than 3 %

CHEMICAL NAME	Cellulose Acetate Butyrate
CAS NUMBER	9004-36-8

INTERNATIONAL REGULATIONS: CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

## Section 16: Other Information

HMIS RATINGS: Health: 2\* Flammability: 3  
Reactivity: 0 Personal Protection: G

The information contained on this SDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.