



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2472	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	PC 565 PST PIPE SEALANT	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Thread Sealant	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Carcinogenicity 2: Suspected of causing cancer. Specific Target Organ Toxicity (Repeated Exposure) 2: May cause damage to organs through prolonged or repeated exposure. Skin Irritant: 2 Causes skin irritation. Eye Irritant: 2A Causes serious eye irritation. Specific Target Organ Toxicity Single Exposure 3: May cause respiratory irritation.	<b>SIGNAL WORD:</b> Warning.	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H351: Suspected of causing cancer.
- H335: May cause respiratory irritation.
- H373: May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

#### Prevention:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust/fume/gas/mist/vapors/spray.
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264: Wash face, hands and any exposed skin thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P280: Wear protective gloves.
- P280: Wear eye protection / face protection.

#### Response:

- P302+P352: IF ON SKIN: Wash with plenty of water.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313: IF EXPOSED OR CONCERNED: Get medical advice/attention.
- P312: Call a poison center/doctor if you feel unwell.
- P321 Specific treatment (see on this label).
- P314 Get medical advice/attention if you feel unwell.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.

**Storage:** P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

**Disposal:** P50:1 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight	Classification (GHS – USA)
Polyglycol dimethacrylate	25852-47-5	40 – 49%	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335
Cellulose Acetate Butyrate	9004-36-8	5 – 9%	Combustible Dust
Synthetic amorphous silica (fumed)	67762-90-7	5 – 9%	Combustible Dust
Polytetrafluoroethylene	9002-84-0	5 – 9%	Combustible Dust
Saccharin	128-44-9	1 – 4%	Acute Tox. 4, H302; Combustible Dust
dimethylbenzyl hydroperoxide	80-15-9	1 – 4%	Self-react. F, H242; Org. Perox. E, H242; Acute Tox. 3, H331; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; STOT SE 3, H335; Flam. Liq. 4, H227
titanium dioxide	13463-67-7	≤ 1%	Carc. 2, H351
cumene	98-82-8	≤ 1%	Flam. Liq. 3, H226; Carc. 2, H351; Asp. Tox. 1, H304; Acute Tox. 4, H302; STOT SE 3, H335

#### 4. First Aid Measures

##### EMERGENCY OVERVIEW

**EYES:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**SKIN:** Immediately wash with water and soap and rinse thoroughly.

##### INHALATION:

In case of unconsciousness place patient stably in side position for transportation. Supply fresh air; consult doctor in case of complaints.

##### INGESTION:

If symptoms persist, consult doctor.

##### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

No further relevant information available.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

#### 5. Fire-Fighting Measures

##### SUITABLE FIRE EXTINGUISHING MEDIA:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. CO<sub>2</sub>, sand, extinguishing powder. Do not use water. Use firefighting measures that suit the environment.

##### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water.

##### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained respiratory protective device. Wear fully protective suit.

#### 6. Accidental Release Measures

##### PERSONAL PRECAUTIONS:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Wear protective clothing.

##### ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter sewers/ surface or ground water.

##### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents. Dispose of the collected material according to regulations.

##### REFERENCE TO OTHER SECTIONS:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

#### 7. Handling and Storage

##### SAFE HANDLING:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about protection against explosions and fires: Keep ignition sources away. Do not smoke. Protect against electrostatic charges.

##### SAFE STORAGE & INCOMPATIBILITIES:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

**Specific end use(s):** No further relevant information available.

#### 8. Exposure Controls / Personal Protection

##### Additional information about design of technical systems:

No further data; see Section 7.

##### CONTROL PARAMETERS

**Components with limit values that require monitoring at the workplace:** The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Chemical Name	CAS	Value
Dimethylbenzyl Hydroperoxide	80-15-9	WEEL Long-term value: 6 mg/m <sup>3</sup> , 1 ppm Skin
Cumene	98-82-8	PEL Long-term value: 245 mg/m <sup>3</sup> , 50 ppm Skin REL Long-term value: 245 mg/m <sup>3</sup> , 50 ppm Skin TLV Long-term value: (246) NIC-0.5 mg/m <sup>3</sup> , (50) NIC-0.1 ppm NIC-A3

Additional information: The lists that were valid during the creation were used as basis.

##### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Tightly sealed goggles.

**Skin Protection:** Protective work clothing. Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of Gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Nitrile rubber, NBR. Nitrile rubber, NBR. **Penetration Time of**

**Glove Material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**9. Physical & Chemical Properties**

<b>Form:</b>	Viscous.	<b>Flammability(solid/gas):</b>	Not applicable.
<b>Color:</b>	White.	<b>Explosive Limit-Lower (%):</b>	Not determined.
<b>Odor:</b>	Characteristic.	<b>Explosive Limit-Upper (%):</b>	Not determined.
<b>Odor Threshold:</b>	Not determined.	<b>Vapor Density:</b>	Not determined.
<b>pH:</b>	Not determined.	<b>Vapor Pressure @ 20°C (68°F):</b>	≤ 53 hPa (≤ 39.8 mm Hg).
<b>Melting Point/Range:</b>	Undetermined.	<b>Relative Density:</b>	Not determined.
<b>Boiling Point/Range:</b>	≥ 200°C (≥ 392°F).	<b>Solubility (water):</b>	Not miscible or difficult to mix.
<b>Flash Point:</b>	131°C (267.8°F).	<b>Auto-Ignition Temp:</b>	Product is not self-igniting.
<b>Evaporation Rate:</b>	Not determined.	<b>Decomposition Temp:</b>	Not determined.
<b>Viscosity Kinematic:</b>	Not determined.	<b>Partition Coeff(n-octanol/water):</b>	Not determined.
<b>Viscosity Dynamic:</b>	Not determined.	<b>Danger of Explosion:</b>	Product does not present an explosion hazard.
<b>Organic Solvents:</b>	0.8%	<b>VOC Content:</b>	0.75 % 7.5 g/l / 0.06 lb/gal.
<b>Water:</b>	0.1%	<b>Solids Content:</b>	64.1%
<b>Density:</b>	Not determined.		

**10. Stability & Reactivity Information****REACTIVITY:**

No further relevant information available.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

No dangerous reactions known.

**CONDITIONS TO AVOID:**

No further relevant information available.

**INCOMPATIBLE MATERIALS:**

No further relevant information available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No dangerous decomposition products known.

**11. Toxicological Information****PRIMARY ROUTE OF ENTRY:****Eyes:** Irritating effect.**Skin:** Irritant to skin and mucous membranes.**ACUTE TOXICITY:**

Components	Species	Test Results
<b>9004-36-8 Cellulose Acetate Butyrate</b>		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	>1,000 mg/kg
<i>Oral</i> LD50	Rabbit	>6,400 mg/kg
<b>128-44-9 Saccharin</b>		
<b>Acute</b>		
<i>Dermal</i> LD50		
<i>Inhalation</i> LC50		
<i>Oral</i> LD50	Rat	1,280 mg/kg
<b>80-15-9 Dimethylbenzyl Hydroperoxide</b>		
<b>Acute</b>		
<i>Dermal</i> LD50	Rat	500 mg/kg
<i>Inhalation</i> LC50	Rat	220 mg/l 4/hr
<i>Oral</i> LD50	Rat	382 mg/kg
<b>13463-67-7 Titanium Dioxide</b>		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	>10,000 mg/kg
<i>Inhalation</i> LC50	Rat	6.82 mg/l 4/h

Oral  
LD50 Rat >20,000 mg/kg

98-82-8 Cumene

**Acute**  
Dermal  
LD50 Rabbit 12,300 mg/kg

Inhalation  
LC50 Mouse 24.7 mg/l in 4hr

Oral  
LD50 Rat 1,400 mg/kg

**SENSITIZATION:**

No sensitizing effects known.

**CARCINOGENS:**

**IARC (International Agency for Research on Cancer):**

9002-84-0	Polytetrafluoroethylene	3
13463-67-7	Titanium Dioxide	2B
98-82-8	Cumene	2B
111-76-2	2-butoxyethanol	3

**NTP (National Toxicology Program):**

98-82-8	Cumene	R
130-15-4	1,4-naphthoquinone	R

**OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.

**ADDITIONAL TOXICOLOGICAL INFORMATION:**

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

**12. Ecological Information**

**AQUATIC TOXICITY:**

No further relevant information available.

**PERSISTENCE AND DEGRADABILITY:**

No further relevant information available.

**BIOACCUMULATIVE POTENTIAL:**

No further relevant information available.

**MOBILITY IN SOIL:**

No further relevant information available.

**OTHER ADVERSE EFFECTS:**

No further relevant information available.

**ADDITIONAL ECOLOGICAL INFORMATION:**

**General Notes: Water hazard class 1 (Self-assessment):** Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**RESULTS OF PBT AND VPVB ASSESSMENT:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**13. Disposal Consideration**

**DISPOSAL INSTRUCTIONS:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**CONTAMINATED PACKAGING:**

Disposal must be made according to official regulations.

**14. Transportation Information**

**DOT:** UN Number: Not regulated.  
UN Proper Shipping Name: Not regulated.  
Transport Hazard Class(es):  
Class: Not regulated.  
Packing Group: Not regulated.  
Special Precautions for User: Not applicable.

**IATA:** UN Number: Not regulated.  
UN Proper Shipping Name: Not regulated.  
Transport Hazard Class(es): Not regulated.  
Class: Not regulated.  
Packing Group: Not regulated.  
Environmental Hazards: No.  
Special Precautions For User: No

**IMDG:** UN Number: Not regulated.  
UN Proper Shipping Name: Not regulated.  
Transport Hazard Class(es): Not regulated.  
Class: Not regulated.  
Packing Group: Not regulated.  
Environmental Hazards: No  
Special Precautions For User: Not applicable.

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:**

Not applicable.

**UN MODEL REGULATION:**

Not regulated.

**15. Regulatory Information****US FEDERAL REGULATIONS:****Section 355 (extremely hazardous substances):** None of the ingredients is listed.**Section 313 (Specific toxic chemical listings):**

80-15-9 dimethylbenzyl hydroperoxide

98-82-8 cumene

111-76-2 2-butoxyethanol

**TSCA (Toxic Substances Control Act):**

Polyglycol dimethacrylate

1,2-Benzenedicarboxylic acid, benzyl-C7-9-branched and linear alkyl esters

Cellulose Acetate Butyrate

Synthetic amorphous silica (fumed)

Polytetrafluoroethylene

Saccharin

dimethylbenzyl hydroperoxide

N,N-Diethyl-P-Toluidine

titanium dioxide

Propylene glycol

Paraffin wax

N,N-dimethyl-o-toluidine

Cumene

2-Phenyl-2-propanol

tetrasodium ethylenediaminetetraacetate

1-hydroxyethane-1,1-diybis(phosphonic acid)

Alumina Trihydrate

1,4-naphthoquinone

Colorant

2-butoxyethanol

2,4,7,9-tetramethyldec-5-yne-4,7-diol

phosphorous acid

Deionized water

**TSCA New (21st Century Act) (Substances not listed):** 25852-47-5 Polyglycol dimethacrylate**Proposition 65: Chemicals known to cause cancer:** 98-82-8 Cumene**Chemicals Known to Cause Reproductive Toxicity for Females:** None of the ingredients is listed.**Chemicals Known to Cause Reproductive Toxicity for Males:** None of the ingredients is listed.**Chemicals Known to Cause Developmental Toxicity:** None of the ingredients is listed.**CARCINOGENIC CATEGORIES:****EPA (Environmental Protection Agency):**

98-82-8 Cumene D, CBD

111-76-2 2-butoxyethanol NL

**TLV (Threshold Limit Value established by ACGIH):**

13463-67-7 titanium dioxide A4

11-76-2 2-butoxyethanol A3

**NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7 Titanium Dioxide

**CHEMICAL SAFETY ASSESSMENT:**

A Chemical Safety Assessment has not been carried out.

**16. Other Information****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.