



SAFETY DATA SHEET

1. Product and Company Identification

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

2. Hazards Identification

GHS CLASSIFICATION: Skin Irrit: Category 2: H315: Causes skin irritation. Eye Irrit: Category 2A: H319: Causes serious eye irritation. STOT SE: Category 3: H335: May cause respiratory irritation.	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P280: Wear protective gloves.
P280: Wear eye protection/face protection.
P264: Wash thoroughly after handling.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a poison center/doctor if you feel unwell.
P332+P313: IF SKIN IRRITATION occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P405: Store locked up.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal: P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Cellulose acetate butyrate		5-10
Hydrophobic silica		5-10
Cumene hydroperoxide	80-15-9	1-5
Saccharin	128-44-9	1-5
N,N-dimethyl-o-toluidine	609-72-3	≤1.00%

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

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:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness, place patient stably in side position for transportation. Supply fresh air; consult doctor in case of complaints.

INGESTION:

Immediately call a 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:

CO2, extinguishing powder or water spray. Fight larger fires with water spray, or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

SPECIFIC FIRE-FIGHTING METHODS:

Use firefighting measures that suit the environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

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

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Ensure adequate ventilation. Wear protective clothing.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Do not allow to enter sewers/surface or ground water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation. 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: No special measures required.

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

CONTROL PARAMETERS:

Components with limit values that require monitoring at the workplace:

80-15-9 Cumene hydroperoxide

WEEL Long-term value: 6 mg/m³, 1 ppm

Skin

PERSONAL PROTECTIVE EQUIPMENT:



GENERAL: Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

RESPIRATORY: Not required. In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

SKIN: 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. 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 cannot be calculated in advance and has, therefore, to be checked prior to the application. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Protective work clothing.

EYE: Tightly sealed goggles.

9. Physical & Chemical Properties

Appearance:		Flammability(solid/gas):	Not applicable.
Form:	Viscous.	Danger of Explosion:	Product does not present an explosion hazard.
Color:	White.	Explosion Limits-upper:	Not determined.
Odor:	Characteristic.	Explosion Limits-lower:	Not determined.
Odor Threshold:	Not determined.	Vapor Density:	Not determined.
pH:	Not determined.	Vapor Pressure @ 20°C (68°F):	0.7 hPa (1 mm Hg)
Melting Point/Range:	Undetermined.	Relative Density:	Not determined.
Boiling Point/Range:	200°C (392°F)	Solubility (water):	Not miscible or difficult to mix.
Solids Content:	65.8%	Auto-Ignition Temperature:	Product is not self-igniting.
Flash Point:	131°C (268°F)	Decomposition Temperature:	Not determined.
Density:	Not determined.	Viscosity (kinematic):	Not determined.
Evaporation Rate:	Not determined.	Viscosity (dynamic):	Not determined.
Solvent Content-organic:	0.4%	Solvent Content-water:	0.4%

Solvent Content-VOC:	3.7 g/l/0.03 lb/gl	Solvent Content-organic:	0.1%
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10. Stability & Reactivity Information			
REACTIVITY: No further relevant information available.			
CHEMICAL STABILITY: Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.			
POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.			
INCOMPATIBLE MATERIALS: No further relevant information available.			
CONDITIONS TO AVOID: No further relevant information available.			
HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.			

11. Toxicological Information			
ACUTE TOXICITY:			
LD/LC50 values that are relevant for classification:			
Cellulose Acetate Butyrate			
Oral	LD50	>6400 mg/kg (rabbit)	
Dermal	LD50	>1000 mg/kg (rabbit)	
80-15-9 Cumene hydroperoxide			
Oral	LD50	382 mg/kg (rat)	
Dermal	LD50	500 mg/kg (rat)	
Inhalative	LC50/4 h	220 mg/l (rat)	
128-44-9 Saccharin			
Oral	LD50	1280 mg/kg (rat)	
609-72-3 N,N-dimethyl-o-toluidine			
Oral	LD50	100 mg/kg (ATE)	
Dermal	LD50	300 mg/kg (ATE)	
Inhalative	LC50/4 h	3 mg/l (ATE)	
PRIMARY IRRITANT EFFECT:			
On the skin: Irritant to skin and mucous membranes.			
On the eye: Irritating effect.			
Sensitization: No sensitizing effects known.			
ADDITIONAL TOXICOLOGICAL INFORMATION: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful. Irritant.			
CARCINOGENIC CATEGORIES:			
IARC (International Agency for Research on Cancer)			
9002-84-0	Polytetrafluoroethylene	3	
NTP (National Toxicology Program): None of the ingredients is listed.			
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.			

12. Ecological Information			
TOXICITY			
Aquatic toxicity: No further relevant information available.			
Persistence and degradability: No further relevant information available.			
BEHAVIOR IN ENVIRONMENTAL SYSTEMS:			
Bioaccumulative potential: No further relevant information available.			
Mobility in soil: No further relevant information available.			
ADDITIONAL ECOLOGICAL INFORMATION:			
Water hazard class 1 (Self-assessment): Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, watercourse, or sewage system.			
Results of PBT and vPvB assessment:			
- PBT: Not applicable.			
- vPvB: Not applicable.			
OTHER ADVERSE EFFECTS: No further relevant information available.			

13. Disposal Consideration			
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.			

14. Transportation Information			
UN-NUMBER:			
DOT, ADN, IMDG, IATA: Not regulated.			
UN PROPER SHIPPING NAME:			
DOT, ADN, IMDG, IATA: Not regulated.			
TRANSPORT HAZARD CLASS(es)			
DOT, ADN, IMDG, IATA			
Class: Not regulated.			
PACKING GROUP:			
DOT, IMDG, IATA: Not regulated.			

ENVIRONMENTAL HAZARDS:**Marine pollutant:** No.**SPECIAL PRECAUTIONS FOR USER:**

Not applicable.

TRANSPORT IN BULK ACCORDING TO ANNEX II of MARPOL73/78 and the IBC CODE:

Not applicable.

UN "MODEL REGULATION":

Not regulated.

15. Regulatory Information**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:****SARA****Section 355 (extremely hazardous substances):** None of the ingredients is listed.**Section 313 (Specific toxic chemical listings):**

80-15-9 Cumene hydroperoxide

ethylene glycol

TSCA (Toxic Substances Control Act):

Polyethylene glycol dimethacrylate

Polytetrafluoroethylene

Cumene hydroperoxide

Saccharin

N,N-Diethyl-P-Toluidine

Propylene glycol

Hydrocarbon wax

N,N-dimethyl-o-toluidine

ethylene glycol

1,4-naphthoquinone

Deionized water

PROPOSITION 65**Chemicals known to cause cancer:** None of the ingredients is listed.**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):** None of the ingredients is listed.**TLV (Threshold Limit Value established by ACGIH):** ethylene glycol A4**NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.**CHEMICAL SAFETY ASSESSMENT:**

Chemical Safety Assessment has not been carried out.

16. Other Information**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

N/A = Not Applicable

N/D = Not Determined

*** Data compared to the previous version altered.**

NFPA	Health Hazards: 1	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: *1	Flammability: 1	Physical hazards: 0	Personal protection:

DISCLAIMER:

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