

SAFETY DATA SHEET

Detail Sealant PW™

Section 1. Identification

GHS product Identifier : Detail sealant PW™
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

Adhesive/Sealant

Supplier's details : Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994

Emergency telephone number) with hours of operation) : CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
: (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture : Toxic to reproduction- Category 2
Hazardous to the Aquatic Environment-Acute Hazard- Category 3
Hazardous to the Aquatic Environment-Chronic Hazard- Category 3

GHS label elements
Hazard pictogram



Signal word : Warning
Hazard statement : Suspected of damaging fertility or the unborn child.
Harmful to aquatic life with long lasting effects.

Precautionary statements
Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye /face protection. Avoid release to the environment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place.

Section 2. Hazards identification

- Response** : If exposed or concerned: Get medical advice/attention. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Section 3. Composition/information on ingredients

- Substance/Mixture** : Mixture
Other means of identification : Not available

Ingredient name	%	CAS Number
Calcium Carbonate	30-55	1317-65-3
Carbonic acid, calcium salt(1:1)	15-25	471-34-1
1,2 benzenedicarboxylic acid, bis(2-propylheptyl)ester	5-15	53306-54-0
N-[3-Trimethoxysilyl)propyl]-1,2-ethanediamine	0.5-2	1760-24-3
Titanium dioxide	0.1-1	13463-67-7
Carbon Black	0.01-0.09	1333-86-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures.

- Eye contact** : IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Inhalation** : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
- Skin contact** : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
- Ingestion** : If a large amount is swallowed, get immediate medical attention.

Most important symptoms/effects, acute and delayed

Potential acute health effects : Causes skin and eye irritation.

Potential chronic health effects : Reproductive effects

Notes to physician: : Symptomatically treatment and supportive therapy as indicated.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use Carbon dioxide, regular dry chemical, regular foam or water.

Unsuitable extinguishing media : None known

Specific hazards arising from the chemical

Hazardous thermal decomposition products : Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, and low molecular weight hydrocarbons.

Special protective equipment and precautions for Firefighters : May burn, but does not ignite readily.

Special protective equipment for fire fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.

Fire Fighting Measures : Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

For non emergency personal : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk thru spilled material. Avoid breathing vapor or mist. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment(see section 8).

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

Environmental precautions : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Methods and materials for containment and cleaning up : Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Avoid release to the environment.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Do not handle until all safety precautions have been read and understood. Do not breathe vapor or mist. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see section 8. Wash thoroughly after handling.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store and handle in accordance with all current regulations and standards. Keep container tightly closed. Keep separated from incompatible substances.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Calcium Carbonate	NIOSH TWA: 10 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable dust) OSHA TWA: 15 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable fraction)
Carbonic acid, calcium salt (1:1)	NIOSH TWA: 10 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable dust)
Titanium dioxide	ACGIH TWA: 10 mg/m ³ OSHA TWA: 15 mg/m ³ (total dust)
Dibutyl tin	ACGIH TWA: 0.1 mg/m ³ (as Sn); STEL: 0.2 mg/m ³ (as Sn); NIOSH TWA: 0.1 mg/m ³ (except Cyhexatin, as Sn);
Carbon Black	ACGIH TWA: 3 mg/m ³ (inhalable fraction) NIOSH TWA: 3.5 mg/m ³ OSHA TWA: 3.5 mg/m ³

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Hygiene measure:

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts.

Skin Protection

Hand protection

Body protection

Respiratory protection

: Use chemical resistant gloves such as nitrile.

: Use chemical resistant clothing.

: Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state	: Paste
Color	: Gray
Odor	: Mild
Odor threshold	: Not available
pH	: Not available
Melting point	: Not available
Boiling point	: Not available
Flash Point	: > 200 °F
Evaporation rate:	: Not available
Flammability(solid, gas)	: Not available
Lower & upper explosive (flammable) limits	: Not available
Vapor density	: Not available
Vapor pressure	: Not available
Relative density	: 10.8-14.2
Specific gravity	: 1.3-1.7
Solubility	: Slightly soluble in water
Partition coefficient: n-octanol/water	: Not available
Auto- ignition temperature	: Not available
Decomposition temperature	: Not available
VOC	: Not available
Viscosity	: Not Available

Section 10. Stability and reactivity

Reactivity	: No reactivity hazard is expected.
Chemical stability	: Stable at room temperature and pressure.
Possibility of hazardous reactions	: Will not polymerize.
Conditions to avoid:	: Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.
Incompatible materials	: Strong acids and strong oxidizing materials.
Hazardous decomposition products	: Combustion products may include: Carbon dioxide, Carbon monoxide and low molecular weight hydrocarbons.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Endpoint	Species	Result
Carbonic acid, calcium salt (1:1)	Oral Toxicity	LD50 Oral	Rat	6450 mg/kg
Titanium dioxide	Oral Toxicity	LD50	Rat	> 10000 mg/kg

Section 11. Toxicological information

Information on the likely routes of exposure:

Potential acute health effects

Eye contact

: May cause eye irritation. Contact may cause tearing, redness, a stinging or burning feeling, swelling and blurred vision.

Inhalation

: May be harmful if inhaled.

Skin contact

: May cause skin irritation. May cause irritation, redness, itching and burning.

Ingestion

: May be harmful if swallowed.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : skin irritation, eye irritation

Potential delayed effects : Not available

Medical conditions aggravated by exposure : skin disorders, eye disorders

Irritation/Corrosivity Data : Causes skin, eye and respiratory irritation.

Respiratory Sensitization : No information available for this product.

Dermal Sensitization : No information available for this product.

Germ Cell Mutagenicity : No information available for this product.

Carcinogenicity : Results of a DuPont epidemiology study show that employees who had been exposed to titanium dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to titanium dioxide pigments. No Pulmonary fibrosis was found in any of the employees and no associations were observed between titanium dioxide pigment exposure and chronic respiratory disease or lung abnormalities. Based on the results of this study, DuPont concluded that titanium dioxide pigment will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

Component Carcinogenicity

Ingredient	ACGIH	IARC	OSHA
Titanium dioxide	A4	Group 2B	Present
Carbon Black	A3	Group 2B	Present

Reproductive Toxicity : May damage fertility or the unborn child.

Specific Target Organ Toxicity- Single exposure : No target organs identified.

Specific Target Organ Toxicity- Repeated exposure : No target organs identified.

Aspiration Hazard : No information available for the product.

Section 12. Ecological information

Ecotoxicity

<u>Product/ingredient name</u>	<u>Endpoint</u>	<u>Exposure</u>	<u>Species</u>	<u>Result</u>
Diisononyl phthalate	LC 50	96 hours semi-static	Fish-Brachydanio rerio	>100 mg/l
	LC50	96 hour flow through	Fish-Lepomis macrochirus	> 0.14 mg/l
	LC50	96 hour static	Fish-Lepomis macrochirus	> 0.17 mg/l
	LC50	96 hour flow through	Fish- Pimpephalespromelas	> 0.19 mg/l
	LC50	96 hour static	Fish-Pimpephalespromelas	> 0.14 mg/l
	EC 50	72 hours	Algae- Desmodesmus subspicatus	> 500 mg/l
	EC 50	96 hour static	Algae- Pseudokirckneriella subcapitata	> 1.8 mg/l
	EC 50	48 hours	Invertebrate- Daphnia magna	>500 mg/L
	EC 50	48 hours static	Invertebrate- Daphnia magna	>0.06mg/L

Persistence and degradability : No information available for this product.

Bioaccumulation : No information available for this product.

Mobility : No information available for this product.

Biodegradation : No information available for this product.

Section 13. Disposal considerations

Disposal methods : Dispose of surplus and non- recyclable product via a licensed waste disposal contractor. Disposal of this product in accordance with all applicable federal, state, regional and local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Proper shipping name

DOT : Not regulated

TDG : Not regulated

IMDG : Not regulated

IATA : Not regulated

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

United States Regulations

TSCA inventory : All components are listed or exempted.

SARA 311/312 : Acute Chronic health.

SARA 313 : Not listed

State regulations

California- RTK : Carbon black

Massachusetts- RTK : Carbon black, Titanium dioxide, Calcium carbonate

Minnesota- RTK : Carbon black, Titanium dioxide, Calcium carbonate

New Jersey- RTK : Carbon black, Titanium dioxide, Calcium carbonate

Pennsylvania- RTK : Carbon black, Titanium dioxide, Calcium carbonate

Section 15. Regulatory information

California Prop 65

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

Warning! This product contains a chemical known to the State of California to cause reproductive /developmental effects.

Section 16. Other information

Date of revision : 6/4/15

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Revisions: : Revision to entire document for compliance of new HazCom rules.

Version : 3

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