

## 1. IDENTIFICATION

### Product identifier

**Product Name** Palisade Ultra Premium Exterior Acrylic Latex Matte Deep Base

### Other means of identification

**Product Code** BD-1523

**SKU(s)** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Diamond Vogel  
1020 Albany Place SE  
Orange City, IA 51041  
Phone: (712) 737-4993  
Fax: (712) 737-4997

#### **Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                    |            |
|--------------------|------------|
| Skin sensitization | Category 1 |
| Carcinogenicity    | Category 2 |

### Emergency Overview

#### **Warning**

#### **Hazard statements**

May cause an allergic skin reaction  
Suspected of causing cancer



**Appearance** No information available

**Physical state** Liquid

**Odor** No information available

#### **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood



Explosion data

Sensitivity to Mechanical Impact None.  
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Exposure Guidelines

| Chemical name                  | ACGIH TLV                 | OSHA PEL   | NIOSH  |
|--------------------------------|---------------------------|--|--|
| Titanium dioxide<br>13463-67-7 | TWA: 10 mg/m <sup>3</sup> | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine,<br>including engineered nanoscale |

NIOSH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

|                                       |   |
|---------------------------------------|---|
| <b>Eye/face protection</b>            | No special technical protective measures are necessary.   |
| <b>Skin and body protection</b>       | No special technical protective measures are necessary.   |
| <b>Respiratory protection</b>         | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | No information available | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH                             | 8.5-9.0                  |                         |
| Melting point / freezing point | No information available |                         |
| Boiling point / boiling range  | >= 100 °C / 212 °F       |                         |
| Flash point                    | > 94 °C / > 201 °F       |                         |
| Evaporation rate               | No information available |                         |
| Flammability (solid, gas)      | No information available |                         |
| Flammability Limit in Air      |                          |                         |
| Upper flammability limit:      | No information available |                         |
| Lower flammability limit:      | No information available |                         |
| Vapor pressure                 | No information available |                         |
| Vapor density                  | No information available |                         |
| Specific Gravity               | 1.25                     |                         |
| Water solubility               | No information available |                         |
| Solubility in other solvents   | No information available |                         |
| Partition coefficient          | No information available |                         |
| Autoignition temperature       | No information available |                         |
| Decomposition temperature      | No information available |                         |
| Kinematic viscosity            | No information available |                         |
| Dynamic viscosity              | No information available |                         |
| Explosive properties           | No information available |                         |
| Oxidizing properties           | No information available |                         |

### Other Information

|                            |                          |
|----------------------------|--------------------------|
| Softening point            | No information available |
| Molecular weight           | No information available |
| Liquid Density             | 10.43 lbs/gal            |
| Bulk density               | No information available |
| Percent solids by weight   | 52.1%                    |
| Percent volatile by weight | 1.6%                     |
| Percent solids by volume   | 40.0%                    |
| Actual VOC (lbs/gal)       | 0.2                      |
| Actual VOC (grams/liter)   | 19.9                     |
| EPA VOC (lbs/gal)          | 0.4                      |
| EPA VOC (grams/liter)      | 47.4                     |
| EPA VOC (lb/gal solids)    | 0.4                      |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

| Chemical name                                   | Oral LD50             | Dermal LD50           | Inhalation LC50  |
|---|-----------------------|-----------------------|--|
| Titanium dioxide<br>13463-67-7                  | > 10000 mg/kg ( Rat ) | -                     | -  |
| Texanol<br>25265-77-4                           | = 3200 mg/kg ( Rat )  | > 15200 mg/kg ( Rat ) | > 3.55 mg/L ( Rat ) 6 h  |
| 3-iodo-2-propynyl butyl carbamate<br>55406-53-6 | = 1470 mg/kg ( Rat )  | > 2000 mg/kg ( Rat )  | = 0.63 mg/L ( Rat ) 4 h = 0.67 mg/L<br>( Rat ) 4 h = 0.99 mg/L ( Rat ) 4 h |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

| Chemical name                  | ACGIH | IARC     | NTP | OSHA |
|--------------------------------|-------|----------|-----|------|
| Titanium dioxide<br>13463-67-7 | -     | Group 2B | -   | X    |

*IARC (International Agency for Research on Cancer)*

*Group 2B - Possibly Carcinogenic to Humans*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target organ effects** Lungs, Respiratory system.

**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

6.68% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name                                   | Algae/aquatic plants                                 | Fish   | Crustacea                        |
|---|--|--|----------------------------------|
| Texanol<br>25265-77-4                           | 18.4: 72 h Pseudokirchneriella subcapitata mg/L EC50 | 30: 96 h Pimephales promelas mg/L LC50   | 95: 96 h Daphnia magna mg/L LC50 |
| 3-iodo-2-propynyl butyl carbamate<br>55406-53-6 | -  | 0.14 - 0.32: 96 h Lepomis macrochirus mg/L LC50<br>flow-through 0.05 - 0.089: 96 h Oncorhynchus mykiss mg/L LC50<br>0.18 - 0.23: 96 h Pimephales promelas mg/L LC50 flow-through<br>0.049 - 0.079: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | -                                |

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

| Chemical name         | Partition coefficient |
|-----------------------|-----------------------|
| Texanol<br>25265-77-4 | 3.47                  |

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

Do not reuse container.

#### **US EPA Waste Number**

U001 U055 U108 U115 U122

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO (air)** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**RID** Not regulated

ADR Not regulated

ADN Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies \*

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name                 | California Proposition 65   |
|-------------------------------|---|
| Titanium dioxide - 13463-67-7 | Carcinogen  |
| Benzophenone - 119-61-9       | Carcinogen  |
| Styrene - 100-42-5            | Carcinogen  |
| Cumene - 98-82-8              | Carcinogen  |
| Acetaldehyde - 75-07-0        | Carcinogen  |
| Ethylene oxide - 75-21-8      | Carcinogen<br>Developmental<br>Female Reproductive<br>Male Reproductive |
| Ethylene Glycol - 107-21-1    | Developmental   |
| 1,4-Dioxane - 123-91-1        | Carcinogen  |
| Propylene oxide - 75-56-9     | Carcinogen  |
| Ethyl Benzene - 100-41-4      | Carcinogen  |
| Formaldehyde - 50-00-0        | Carcinogen  |

**U.S. State Right-to-Know Regulations**

| Chemical name                  | New Jersey | Massachusetts |
|--------------------------------|------------|---------------|
| Titanium dioxide<br>13463-67-7 | X          | X             |

| Chemical name                  | Pennsylvania |
|--------------------------------|--------------|
| Titanium dioxide<br>13463-67-7 | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

Hazardous air pollutants (HAPS) content

This product contains no Hazardous Air Pollutants individually at 1% by weight, or greater.

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|                                   |                                  |                |                    |                                    |
|-----------------------------------|----------------------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u>                       | Health hazards 1                 | Flammability 1 | Instability 0      | Physical and chemical properties - |
| <u>HMIS</u>                       | Health hazards 1 *               | Flammability 1 | Physical hazards 0 | Personal protection X              |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> |                |                    |                                    |

Revision Date 22-Feb-2021

**Revision Note**

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**