

Revision Date 27-Oct-2022

Version 2

1. IDENTIFICATION

Product identifier

Product Name Durango Exterior Acrylic Latex Flat White Base

Other means of identification

Product Code BF-1571

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)

| | |
|-----------------|-------------|
| Carcinogenicity | Category 1A |
|-----------------|-------------|

Emergency Overview

Danger

Hazard statements

May cause 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

Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

Unknown acute toxicity 16.6% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% | Trade Secret |
|--------------------|------------|----------|--------------|
| Titanium dioxide | 13463-67-7 | 10 - 30 | * |
| Feldspar | 68476-25-5 | 10 - 30 | * |
| Crystalline Silica | 14808-60-7 | 1 - 5 | * |
| Ethylene Glycol | 107-21-1 | 1 - 5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

- Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact** Wash skin with soap and water.
- Inhalation** Remove to fresh air.
- Ingestion** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

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 13463-67-7 | TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ CIB 63 fine TWA: 0.3 mg/m ³ CIB 63 ultrafine, including engineered nanoscale |
| Crystalline Silica 14808-60-7 | TWA: 0.025 mg/m ³ respirable particulate matter | TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction | IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust |
| Ethylene Glycol 107-21-1 | STEL: 50 ppm vapor fraction STEL: 10 mg/m ³ inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction | (vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m ³ | - |

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

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection 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.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | No information available |
| Appearance | No information available | Odor threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH | 8.8±0.2 | |
| 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 | 1.37 | |
| 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 | 11.38 lbs/gal |
| Bulk density | No information available |
| Percent solids by weight | 51.6% |
| Percent volatile by weight | 1.1% |
| Percent solids by volume | 34.0% |
| Actual VOC (lbs/gal) | 0.1 |
| Actual VOC (grams/liter) | 15.6 |

EPA VOC (lbs/gal) 0.4
 EPA VOC (grams/liter) 44
 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

Product Information No data available
Inhalation No data available.
Eye contact No data available.
Skin Contact No data available.
Ingestion No data available.

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------------|-----------------------|-----------------------|-------------------------|
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | = 5.09 mg/L (Rat) 4 h |
| Crystalline Silica 14808-60-7 | > 22,500 mg/kg (Rat) | - | - |
| Ethylene Glycol 107-21-1 | = 4700 mg/kg (Rat) | = 10600 mg/kg (Rat) | > 2.5 mg/L (Rat) 6 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 13463-67-7 | A3 | Group 2B | - | X |
| Crystalline Silica 14808-60-7 | A2 | Group 1 | Known | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen
 A3 - Animal Carcinogen
 IARC (International Agency for Research on Cancer)
 Group 1 - Carcinogenic to Humans
 Group 2B - Possibly Carcinogenic to Humans
 NTP (National Toxicology Program)
 Known - Known Carcinogen
 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 Central nervous system, Eyes, Lungs, Respiratory system, Skin.
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

37.57% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|-----------------------------|--|--|--|
| Ethylene Glycol 107-21-1 | 6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 41000: 96 h Oncorhynchus mykiss mg/L LC50 | 46300: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|-----------------------------|-----------------------|
| Ethylene Glycol 107-21-1 | -1.36 |

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.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

| | |
|-------------------|---------------|
| <u>MEX</u> | Not regulated |
| <u>ICAO (air)</u> | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG</u> | Not regulated |
| <u>RID</u> | Not regulated |
| <u>ADR</u> | Not regulated |
| <u>ADN</u> | 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | SARA 313 - Threshold Values % |
|----------------------------|-------------------------------|
| Feldspar - 68476-25-5 | 1.0 |
| Ethylene Glycol - 107-21-1 | 1.0 |

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 |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-----------------------------|--------------------------|----------------|--|
| Ethylene Glycol 107-21-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

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 |
| Crystalline Silica - 14808-60-7 | Carcinogen |
| Ethylene Glycol - 107-21-1 | Developmental |
| Carbon Black - 1333-86-4 | Carcinogen |
| Lead - 7439-92-1 | Carcinogen Developmental Female Reproductive |

| | |
|---------------------------|---|
| | Male Reproductive |
| Mercury - 7439-97-6 | Developmental |
| Nickel - 7440-02-0 | Carcinogen |
| Cadmium - 7440-43-9 | Carcinogen Developmental Male Reproductive |
| Cobalt - 7440-48-4 | Carcinogen |
| Lead Chromate - 7758-97-6 | Carcinogen Developmental Female Reproductive Male Reproductive |
| Acetaldehyde - 75-07-0 | Carcinogen |
| Ethylene oxide - 75-21-8 | Carcinogen Developmental Female Reproductive Male Reproductive |
| 1,4-Dioxane - 123-91-1 | Carcinogen |
| Formaldehyde - 50-00-0 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts |
|----------------------------------|------------|---------------|
| Titanium dioxide 13463-67-7 | X | X |
| Feldspar 68476-25-5 | X | - |
| Crystalline Silica 14808-60-7 | X | X |
| Ethylene Glycol 107-21-1 | X | X |

| Chemical name | Pennsylvania |
|----------------------------------|--------------|
| Titanium dioxide 13463-67-7 | X |
| Feldspar 68476-25-5 | X |
| Crystalline Silica 14808-60-7 | X |
| Ethylene Glycol 107-21-1 | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants' (present individually at 1% by weight, or greater):

| Chemical name | Weight % of HAPS in Product | Pounds HAPS / Gal Product |
|-----------------------------|-----------------------------|---------------------------|
| Ethylene Glycol 107-21-1 | 1.14% | 0.13 |

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

NFPA Health hazards 1 Flammability 1 Instability 0 Physical and chemical properties -
HMIS Health hazards 1 * Flammability 1 Physical hazards 0 Personal protection X
*Chronic Hazard Star Legend * = Chronic Health Hazard*

Revision Date 27-Oct-2022

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