



# SAFETY DATA SHEET

## DP 5050 Water Based Weather Barrier Coating

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### Section 1 – Product and Company Identification

#### Product identifier

Product Name: Water Based Weather Barrier Coating  
Product Code: DP 5050

#### Intended use of the product

Weather Barrier Coating

#### Restrictions on Use

For industrial use only.

#### Supplier's Details

**Manufactured By:** Design Polymerics  
**Address:** 3301 W. Segerstrom Ave., Santa Ana, CA 92704  
**Information Phone:** (714) 432-0600  
**Website:** www.designpoly.com

#### Emergency telephone number

ChemTel LLC: (800) 255-3924 (24 Hrs)

### Section 2 - Hazard Identification

#### Hazard Classifications

##### GHS Classification

Aquatic Acute 3      H402  
Aquatic Chronic 3      H412

#### Label Elements

##### GHS Labeling

###### Hazard Statements

H402 - Harmful to aquatic life.  
H412 - Harmful to aquatic life with long lasting effects.

###### Precautionary Statements

P201 - Obtain special instructions before use.  
P260 - Do not breathe vapors, mist, or spray.  
P263 - Avoid contact during pregnancy/while nursing.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Full text of H-statements: see section 16

#### Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

#### Unknown Acute Toxicity

No additional information available



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### Section 3 – Composition/Information on Ingredients

#### Mixtures

Ingredient	Synonym(s)	C.A.S. No.	% by Wt	Note
Limestone	Calcium Carbonate	1317-65-3	20 - 35	* (See below)
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Magnesium Silicate / Talc (containing no asbestos fibers)	14807-96-6	1 - 5	* (See below)
Titanium Dioxide	C.I. 77891 / C.I. Pigment White 6	1343-67-7	1 - 5	* (See below)
Fuller's Earth	Hydrated Magnesium Aluminosilicate	8031-18-3	1 - 5	* (See below)
Cellulose**	Microcrystalline cellulose	9004-34-6	1 - 5	* (See below)
Ethanolamine	Ethanol, 2-amino- / Monoethanolamine	141-43-5	0.1 - 1	
Quartz	Crystalline silica, quartz	14808-60-7	≤ 0.3	* (See below)
Triethanolamine	Ethanol, 2,2',2''-nitrioltri- / TEA	102-71-6	≤ 0.1	
Aluminum oxide (Al <sub>2</sub> O <sub>3</sub> )	Aluminum oxide / Alumina	1344-28-1	≤ 0.1	* (See below)
Vinyl acetate	Acetic acid, ethenyl ester / 1-Acetoxyethylene	108-05-4	< 0.1	
Acetaldehyde	Acetic aldehyde / Ethyl aldehyde	75-07-0	≤ 0.03	

\* This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of this product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur. This product contains titanium dioxide and crystalline silica (quartz) which are hazardous when present as airborne dust. As provided, and during normal use of this product, these substances are encapsulated within the product. As such, they are considered to be inextricably bound, and not readily available for exposure.

\*\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with 29 CFR 1910.1200.

Any remaining ingredients (to comprise 100% of the product) should be considered a proprietary blend of non-hazardous substances, or materials below threshold reporting limits.

### Section 4 – First Aid Measures

#### Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur, go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 5 minutes. If exposed or concerned: Get medical advice/attention.

**Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### Most Important Symptoms and Effects Both Acute and Delayed

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** Prolonged exposure may cause skin irritation. May cause an allergic reaction in sensitive individuals.

**Eye Contact:** May cause slight irritation to eyes.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Titanium dioxide is bound in the liquid matrix and is not able to become airborne. Thus, the hazards usually associated with titanium dioxide are not applicable to this product. This product contains crystalline silica (quartz).



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The crystalline silica is bound in the matrix of the liquid product and under normal conditions of use dust is not expected to be produced. If dried, processed, and dust is released into the air repeated exposure to respirable (airborne) crystalline silica dust may cause lung damage in the form of silicosis, lung cancer, or respiratory irritation. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## Section 5 – Fire-Fighting Measures

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Under fire conditions this material may produce hazardous carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), Halogenated Compounds, Sulfur oxides, Nitrous fumes, Nitrogen oxides, Aldehydes, Ketones, Calcium oxides., various low molecular weight hydrocarbons, and smoke.

**Other Information:** Do not allow run-off from firefighting to enter drains or water courses.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## Section 6 – Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not breathe vapor, mist, or spray. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable



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container for disposal. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## Section 7 – Handling and Storage

### Precautions for Safe Handling

Do not allow product to dry out. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Avoid prolonged contact with eyes, skin, and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, spray, vapors.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

**Incompatible Materials:** Acids. Oxidizers.

**Specific End Use(s):** Weather Barrier Coating

## Section 8 – Exposure Controls/Personal Protection

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL).

REL - Recommended Exposure Limits

TLV - Threshold Limit Value

### Exposure Limits

#### Components with workplace control parameters:

#### Crystalline Silica (Quartz) (14808-60-7)

ACGIH OEL TWA:	0.025 mg/m <sup>3</sup> (respirable particulate matter)
ACGIH chemical category:	A2 - Suspected Human Carcinogen
OSHA PEL (TWA) [1]:	50 µg/m <sup>3</sup> (Respirable crystalline silica)
OSHA PEL (TWA) [2]:	(250)/(%SiO <sub>2</sub> +5) mppcf TWA (respirable fraction) (10)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
NIOSH REL (TWA):	0.05 mg/m <sup>3</sup> (respirable dust)
IDLH:	50 mg/m <sup>3</sup> (respirable dust)

#### Ethanolamine (141-43-5)

ACGIH OEL TWA [ppm]:	3 ppm
ACGIH OEL STEL [ppm]:	6 ppm
OSHA PEL (TWA) [1]:	6 mg/m <sup>3</sup>
OSHA PEL (TWA) [2]:	3 ppm

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NIOSH REL (TWA): 8 mg/m<sup>3</sup>  
NIOSH REL TWA [ppm]: 3 ppm  
NIOSH REL (STEL): 15 mg/m<sup>3</sup>  
NIOSH REL STEL [ppm]: 6 ppm  
IDLH [ppm]: 30 ppm

### Limestone (1317-65-3)

OSHA PEL (TWA) [1]: 15 mg/m<sup>3</sup> (total dust)  
5 mg/m<sup>3</sup> (respirable fraction)  
NIOSH REL (TWA): 10 mg/m<sup>3</sup> (total dust)  
5 mg/m<sup>3</sup> (respirable dust)

### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)

ACGIH OEL TWA: 2 mg/m<sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)  
ACGIH chemical category: Not Classifiable as a Human Carcinogen containing no asbestos fibers  
OSHA PEL (TWA) [2]: 20 mppcf ((not containing asbestos) containing <1% quartz, if 1% quartz or more; use quartz limit)  
(See 29 CFR 1910.1000 TABLE Z-3)  
NIOSH REL (TWA): 2 mg/m<sup>3</sup> (containing no Asbestos and <1% Quartz-respirable dust)  
IDLH: 1000 mg/m<sup>3</sup> (containing no asbestos and <1% quartz)

### Titanium dioxide (13463-67-7)

ACGIH OEL TWA: 10 mg/m<sup>3</sup>  
ACGIH chemical category: Not Classifiable as a Human Carcinogen  
OSHA PEL (TWA) [1]: 15 mg/m<sup>3</sup> (total dust)  
NIOSH REL (TWA): 2.4 mg/m<sup>3</sup> (CIB 63-fine)  
0.3 mg/m<sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale)  
IDLH: 5000 mg/m<sup>3</sup>

### Acetaldehyde (75-07-0)

ACGIH OEL Ceiling [ppm]: 25 ppm  
ACGIH chemical category: Suspected Human Carcinogen  
OSHA PEL (TWA) [1]: 360 mg/m<sup>3</sup>  
OSHA PEL (TWA) [2]: 200 ppm  
IDLH [ppm]: 2000 ppm

### Vinyl acetate (108-05-4)

ACGIH OEL TWA [ppm]: 10 ppm  
ACGIH OEL STEL [ppm]: 15 ppm  
ACGIH chemical category: Confirmed Animal Carcinogen with Unknown Relevance to Humans  
NIOSH REL (Ceiling): 15 mg/m<sup>3</sup>  
NIOSH REL C [ppm]: 4 ppm

### Triethanolamine (102-71-6)

ACGIH OEL TWA: 5 mg/m<sup>3</sup>

### Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)

ACGIH OEL TWA: 10 mg/m<sup>3</sup>  
OSHA PEL (TWA) [1]: 15 mg/m<sup>3</sup> (total dust)  
5 mg/m<sup>3</sup> (respirable fraction)

### Cellulose (9004-34-6)

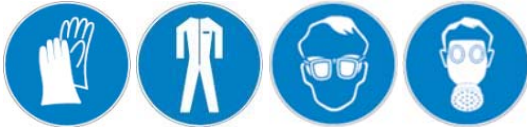
ACGIH OEL TWA: 10 mg/m<sup>3</sup>  
OSHA PEL (TWA) [1]: 15 mg/m<sup>3</sup> (total dust)  
5 mg/m<sup>3</sup> (respirable fraction)  
NIOSH REL (TWA): 10 mg/m<sup>3</sup> (total dust)

5 mg/m<sup>3</sup> (respirable dust)

**Exposure Controls**

**Appropriate Engineering Controls:** Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Consumer Exposure Controls:** Avoid contact during pregnancy/while nursing.

**Other Information:** When using, do not eat, drink, or smoke.

**Section 9 – Physical and Chemical Properties**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	: Liquid
<b>Appearance</b>	: White
<b>Odor</b>	: Mild/Sweet
<b>Odor Threshold</b>	: No data available
<b>pH</b>	: 8.0 – 9.5
<b>Evaporation Rate</b>	: Same as water
<b>Melting Point</b>	: No data available
<b>Freezing Point</b>	: 32 °F (0 °C)
<b>Boiling Point</b>	: 212 °F (100 °C)
<b>Flash Point</b>	: Not applicable
<b>Auto-ignition Temperature</b>	: Not applicable
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: Not applicable
<b>Lower Flammable Limit</b>	: Not applicable
<b>Upper Flammable Limit</b>	: Not applicable
<b>Vapor Pressure</b>	: Same as water



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Relative Vapor Density at 20°C	: No data available
Relative Density	: 11.2 – 12
Specific Gravity	: No data available
Solubility in Water	: Miscible
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

### Section 10 – Stability and Reactivity

#### Reactivity:

Hazardous reactions will not occur under normal conditions.

#### Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

#### Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

#### Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Do not allow product to dry out.

#### Incompatible Materials:

Acids. Oxidizers.

#### Hazardous Decomposition Products:

Under fire conditions this material may produce hazardous carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), Halogenated Compounds, Sulfur oxides, Nitrous fumes, Nitrogen oxides, Aldehydes, Ketones, Calcium oxides., various low molecular weight hydrocarbons, and smoke.

### Section 11 – Toxicological Information

#### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

#### LD50 and LC50 Data:

No additional information available

**Skin Corrosion/Irritation:** Not classified

pH: 8.0 – 9.5

**Eye Damage/Irritation:** Not classified

pH: 8.0 – 9.5

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation. May cause an allergic reaction in sensitive individuals.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Titanium dioxide is bound in the liquid matrix and is not able to become airborne. Thus, the hazards



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usually associated with titanium dioxide are not applicable to this product. This product contains crystalline silica (quartz). The crystalline silica is bound in the matrix of the liquid product and under normal conditions of use dust is not expected to be produced. If dried, processed, and dust is released into the air repeated exposure to respirable (airborne) crystalline silica dust may cause lung damage in the form of silicosis, lung cancer, or respiratory irritation. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects.

**Information on Toxicological Effects - Ingredient(s)**  
**LD50 and LC50 Data:**

<b>Crystalline Silica (Quartz) (14808-60-7)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Ethanolamine (141-43-5)</b>	
LD50 Oral Rat	1720 mg/kg
LD50 Dermal Rabbit	1025 mg/kg
LC50 Inhalation Rat	> 1.3 mg/l (Exposure time: 6 h)
ATE US/CA (dermal)	1,025.00 mg/kg body weight
ATE US/CA (vapors)	11.00 mg/l/4h
ATE US/CA (dust, mist)	1.50 mg/l/4h
<b>Triethanolamine (102-71-6)</b>	
LD50 Oral Rat	6400 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
IARC Group	3
<b>Acetaldehyde (75-07-0)</b>	
LD50 Oral Rat	660 mg/kg
LD50 Dermal Rabbit	3540 mg/kg
LC50 Inhalation Rat	13000 ppm/4h
IARC Group	1, 2B
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Vinyl acetate (108-05-4)</b>	
LD50 Oral Rat	2900 mg/kg
LD50 Dermal Rabbit	2335 mg/kg
LC50 Inhalation Rat	11.4 mg/l/4h
LC50 Inhalation Rat	3680 ppm/4h
ATE US/CA (dust, mist)	1.50 mg/l/4h
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>	
LD50 Oral Rat	> 15900 mg/kg





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<b>Titanium dioxide (13463-67-7)</b>	
LD50 Oral Rat	> 10000 mg/kg
LC50 Inhalation Rat	5.09 mg/l/4h
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Fuller's Earth (8031-18-3)</b>	
ATE US/CA (oral)	500.00 mg/kg body weight
<b>Cellulose (9004-34-6)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5800 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.

### Section 12 – Ecological Information

#### Toxicity

**Ecology - General:** Harmful to aquatic life with long lasting effects.

<b>Ethanolamine (141-43-5)</b>	
LC50 Fish 1	227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	65 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
ErC50 algae	2.5 mg/l

<b>Triethanolamine (102-71-6)</b>	
LC50 Fish 1	10600 (10600 – 13000) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	1386 mg/l
LC50 Fish 2	1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 algae	169 mg/l
NOEC Chronic Crustacea	16 mg/l

<b>Acetaldehyde (75-07-0)</b>	
LC50 Fish 1	28 (28 – 34) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	3.64 (3.64 – 6.15) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 Fish 2	53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [2]	48.3 mg/l (Exposure time: 48 h - Species: Daphnia magna)
NOEC Chronic Algae	1.9 mg/l

<b>Vinyl acetate (108-05-4)</b>	
LC50 Fish 1	14 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 Fish 2	15.04 (15.04 – 21.54) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
NOEC Chronic Algae	0.2 mg/l

<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
LC50 Fish 1	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])



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<b>Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) (1344-28-1)</b>	
LC50 Fish 1	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
ErC50 algae	> 100 mg/l
NOEC (Acute)	> 50 mg/l

### Persistence and Degradability

<b>Persistence and Degradability</b>	May cause long-term adverse effects in the environment.
--------------------------------------	---------------------------------------------------------

### Bioaccumulative Potential

<b>Bioaccumulative Potential</b>	Not established.
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<b>Ethanolamine (141-43-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.91 (at 25 °C)

<b>Triethanolamine (102-71-6)</b>	
BCF Fish 1	3.9
Partition coefficient n-octanol/water (Log Pow)	-2.53

<b>Acetaldehyde (75-07-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.5

<b>Vinyl acetate (108-05-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.73

<b>Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807-96-6)</b>	
BCF Fish 1	(no known bioaccumulation)

### Mobility in Soil

No additional information available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## Section 13 – Disposal Considerations

### Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, and federal regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## Section 14 – Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**DOT:** Not regulated for transport

**IMDG:** Not regulated for transport

**ATA:** Not regulated for transport

**TDG:** Not regulated for transport



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### Section 15 – Regulatory Information

#### US Federal Regulations

##### Inventory Status

All components are listed on or exempt from the U.S. EPA TSCA Inventory List.

<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Carcinogenicity
--------------------------------------------	---------------------------------

<b>Acetaldehyde (75-07-0)</b>	
Subject to reporting requirements of United States SARA Section 313	
<b>CERCLA RQ</b>	1000 lb.
<b>SARA Section 313 - Emission Reporting</b>	0.1 %

<b>Vinyl acetate (108-05-4)</b>	
Listed on the United States SARA Section 302	
Subject to reporting requirements of United States SARA Section 313	
<b>CERCLA RQ</b>	5000 lb.
<b>SARA Section 302 Threshold Planning Quantity (TPQ)</b>	1000 lb.
<b>SARA Section 313 - Emission Reporting</b>	0.1 %

<b>Aluminum oxide (Al2O3) (1344-28-1)</b>	
Subject to reporting requirements of United States SARA Section 313	
<b>SARA Section 313 - Emission Reporting</b>	1 % (fibrous forms)

<b>Cellulose (9004-34-6)</b>	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

#### U.S. State Regulations

##### California Proposition 65



**WARNING:** This product can expose you to Acetaldehyde, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Quartz (14808-60-7)	X			
Acetaldehyde (75-07-0)	X			
Titanium dioxide (13463-67-7)	X			

The following components appear on one or more of the following U.S. State hazardous substances lists:

Component	CAS No.	MA	MN	NJ	PA	RI
Crystalline Silica (Quartz)	14808-60-7	Yes		Yes	Yes	Yes
Ethanolamine	141-43-5	Yes		Yes	Yes	
Triethanolamine	102-71-6	Yes		Yes	Yes	
Acetaldehyde	75-07-0	Yes		Yes	Yes	
Vinyl Acetate	108-05-4	Yes		Yes	Yes	
Limestone	1317-65-3	Yes	Yes	Yes	Yes	Yes
Talc (Mg3H2(SiO3)4)	14807-96-6	Yes		Yes	Yes	
Aluminum Oxide	1344-28-1	Yes		Yes	Yes	
Titanium Dioxide	1343-67-7	Yes	Yes	Yes	Yes	Yes



# SAFETY DATA SHEET

## DP 5050 Water Based Weather Barrier Coating

Revision Date: March 21, 2022

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012.

### Section 16 – Other Information

**Date of Preparation or Latest Revision** : March 21, 2022. Supersedes all previous

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

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