

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 04.18.2024

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Epo Dynaweight Component "B"

SECTION 1: Identification

Product Identifier

Product Name: Epo Dynaweight Component "B"



Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Balancing compounds for rotating parts

Uses Advised Against: Not determined or not applicable.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Dynamis Epoxy Systems
415 E. Venice Avenue
Venice, FL 34285
941.488.3999
www.dcdynamis.com

Emergency Telephone Number:

United States

ChemTel
(888)-255-3924 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Skin irritation, category 2

Eye irritation, category 2A

Skin sensitization, category 1

Label elements

Hazard Pictograms:



Signal Word: Warning

Hazard statements:

H317 May cause an allergic skin reaction

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P264 Wash any exposed skin thoroughly after handling

P272 Contaminated work clothing must not be allowed out of the workplace

P280 Wear protective gloves, protective clothing and eye protection

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P333+P313 If skin irritation or rash occurs: Get medical advice and attention

P321 Specific treatment (see Sections 4 - 8 of this SDS and any additional information on the product label)

P362 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

P501 Dispose of contents and container in accordance with local, regional, national, and international regulations

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 7727-43-7	Barium Sulfate	65-75
CAS Number: 13983-17-0	Wollastonite	1-3
CAS Number: 13463-67-7	Titanium Dioxide	1-3
CAS Number: 9004-34-6	Cellulose	<2
CAS Number: 112-24-3	Triethylenetetramine	<2
CAS Number: 14808-60-7	Silica, crystalline quartz	<1
CAS Number: 1332-58-7	Kaolin	<0.5
CAS Number: 111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	<0.5
CAS Number: 112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	<0.5

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

Respirable silica: The amount of respirable silica (< 10 microns) is less than 0.1%.

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

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After Eye Contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Skin contact may result in irritation and/or an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Delayed Symptoms and Effects:

No significant delayed effects/symptoms.

Immediate Medical Attention and Special Treatment

Specific Treatment:

Not determined or not applicable.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

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

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Avoid generation and dispersal of dust. Do not walk through spilled material. Wash thoroughly after handling.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways.

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Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid generation and dispersal of dust. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Silica, crystalline quartz	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m ³
	Silica, crystalline quartz	14808-60-7	8-Hour TWA-PEL: 0.025 mg/m ³ (Action level)
	Barium Sulfate	7727-43-7	8-Hour TWA-PEL: 15 mg/m ³ (Total dust)
	Barium Sulfate	7727-43-7	8-Hour TWA-PEL: 5 mg/m ³ (Respirable fraction)
	Wollastonite	13983-17-0	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Wollastonite	13983-17-0	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Cellulose	9004-34-6	8-Hour TWA-PEL: 5 mg/m ³ (Respirable fraction)
Cellulose	9004-34-6	8-Hour TWA-PEL: 15 mg/m ³ (Total dust)	
ACGIH	Silica, crystalline quartz	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (respirable particulate matter)
	Barium Sulfate	7727-43-7	8-Hour TWA: 5 mg/m ³ (Inhalable particulate matter)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	1,2-Ethanediamine, N1-(2-aminoethyl)-	111-40-0	8-Hour TWA: 1 ppm
	Titanium Dioxide	13463-67-7	TLV-TWA: 2.5 mg/m ³ (8 hr [finescale particles, respirable fraction])
	Titanium Dioxide	13463-67-7	TLV-TWA: 0.2 mg/m ³ (8 hr [nanoscale particles, respirable fraction])
	Kaolin	1332-58-7	8-Hour TWA: 2 mg/m ³ (respirable particulate matter, containing no asbestos and <1 % crystalline silica)
	Cellulose	9004-34-6	8-Hour TWA: 10 mg/m ³
NIOSH	Silica, crystalline quartz	14808-60-7	REL-TWA: 0.05 mg/m ³ (up to 10 hr)
	Silica, crystalline quartz	14808-60-7	IDLH: 50 mg/m ³
	Barium Sulfate	7727-43-7	REL-TWA: 5 mg/m ³ (Respirable fraction [up to 10 hr])
	Barium Sulfate	7727-43-7	REL-TWA: 10 mg/m ³ (Total dust [up to 10 hr])
	1,2-Ethanediamine, N1-(2-aminoethyl)-	111-40-0	REL-TWA: 4 mg/m ³ (1 ppm [up to 10 hr])
	Wollastonite	13983-17-0	REL-TWA: 15 mg/m ³ (total dust [up to 10 hr])
	Wollastonite	13983-17-0	REL-TWA: 5 mg/m ³ (respirable fraction [up tp 10 hr])
	Titanium Dioxide	13463-67-7	TWA: 0.3 mg/m ³ (ultrafine, including engineered nanoscale)
	Titanium Dioxide	13463-67-7	IDLH: 5000 mg/m ³
	Titanium Dioxide	13463-67-7	TWA: 2.4 mg/m ³ (fine)
	Kaolin	1332-58-7	REL-TWA: 10 mg/m ³ (total [up to 10 hr])
	Kaolin	1332-58-7	REL-TWA: 5 mg/m ³ (respirable [up to 10 hr])
	Cellulose	9004-34-6	REL-TWA: 10 mg/m ³ ([up to 10 hr] Total)
	Cellulose	9004-34-6	REL-TWA: 5 mg/m ³ ([up to 10 hr] Respirable)
United States(California)	Silica, crystalline quartz	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m ³ (respirable dust)
	Barium Sulfate	7727-43-7	8-Hour TWA-PEL: 10 mg/m ³ (Particulates not otherwise regulated, total dust)
	Barium Sulfate	7727-43-7	8-Hour TWA-PEL: 5 mg/m ³ (Particulates not otherwise regulated, respirable fraction)
	Wollastonite	13983-17-0	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Wollastonite	13983-17-0	8-Hour TWA-PEL: 5 mg/m ³ (respirable dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 10 mg/m ³ (particles not otherwise regulated, total dust)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 5 mg/m ³ (particles not otherwise regulated, respirable fraction)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 2 mg/m ³ (respirable dust, containing no asbestos and <1% crystalline silica)
	Cellulose	9004-34-6	8-Hour TWA-PEL: 10 mg/m ³ (Particulate not otherwise regulated, total dust)
	Cellulose	9004-34-6	8-Hour TWA-PEL: 5 mg/m ³ (Particulate not otherwise regulated, respirable fraction)
United States	1,2-Ethanediamine, N1-(2-aminoethyl)-	111-40-0	8-Hour TWA-PEL: 4 mg/m ³ (1 ppm)
WEEL	Triethylenetetramine	112-24-3	TWA: 1 ppm
	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	112-57-2	8-Hour TWA: 5 mg/m ³ (1 ppm)

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

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Appearance	White solid
Odor	Amine odor
Odor threshold	Mild
pH	8
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	400 °F/ 205 °C
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	1 mm Hg at 25 °C
Vapor density	8.2 lbs/gal at 25 °C
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Negligible in water
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, incompatible materials, generation and dispersal of dust

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

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Route	Result
Oral	LD50 Rat: > 5000 mg/kg ((Calculated))
Dermal	LD50 Rat: > 5000 mg/kg ((Calculated))

Substance Data:

Name	Route	Result
Barium Sulfate	oral	LD50 Rat: > 5000 mg/kg
1,2-Ethanediamine, N1-(2-aminoethyl)-	dermal	LD50 Rabbit: 1045 mg/kg
	oral	LD50 Rat: 1553 mg/kg
	inhalation	LC50 Rat: 0.5 mg/L (4hr [Vapour])
Triethylenetetramine	oral	LD50 Rat: 2500 mg/kg
	dermal	LD50 Rabbit: 850 mg/kg
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	dermal	LD50 Rabbit: 660 mg/kg
	Oral ATE	LD50 Rat: 500 mg/kg
Titanium Dioxide	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: 5.09 mg/L (4 hr [aerosol])
Kaolin	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rat: > 5000 mg/kg
Cellulose	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: > 5.8 mg/L (4 hr [dust])
	oral	LD50 Rat: > 5000 mg/kg

Skin Corrosion/Irritation

Assessment:

Causes skin irritation.

Product Data:

No data available.

Substance Data:

Name	Result
1,2-Ethanediamine, N1-(2-aminoethyl)-	Causes severe skin burns.
Triethylenetetramine	Causes severe skin burns.
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Causes severe skin burns.

Serious Eye Damage/Irritation

Assessment:

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
1,2-Ethanediamine, N1-(2-aminoethyl)-	Causes serious eye damage.
Triethylenetetramine	Causes serious eye damage.

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Name	Result
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Causes serious eye damage.

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

No data available.

Substance Data:

Name	Result
1,2-Ethanediamine, N1-(2-aminoethyl)-	May cause an allergic skin reaction.
Triethylenetetramine	May cause an allergic skin reaction.
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	May cause an allergic skin reaction.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Species	Result
Silica, crystalline quartz		May cause cancer via inhalation.

International Agency for Research on Cancer (IARC):

Name	Classification
Silica, crystalline quartz	Group 1
Wollastonite	Group 3
Titanium Dioxide	Group 2B

National Toxicology Program (NTP):

Name	Classification
Silica, crystalline quartz	Known to be human carcinogens

OSHA Carcinogens:

Ingredient Name	CAS	OSHA Carcinogens Status
Silica, crystalline quartz (respirable)	14808-60-7	Yes
Titanium Dioxide	13463-67-7	Yes

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

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Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
1,2-Ethanediamine, N1-(2-aminoethyl)-	May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Silica, crystalline quartz	Causes damage to organs (lungs; kidneys; immune system) through prolonged or repeated exposure via inhalation.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

Inhalation; Skin contact; Eye contact

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

Refer to Section 4 of this SDS.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Barium Sulfate	Fish LC50 Danio rerio: >174 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: >58.8 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: >1.15 mg/L (72 hr [growth rate])
1,2-Ethanediamine, N1-(2-aminoethyl)-	Fish LC50 Poecilia reticulata: 430 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 16 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 187 mg/L (72 hr [biomass])

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Name	Result
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Fish LC50 Poecilia reticulata: 420 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 24.1 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Pseudokirchneriella subcapitata: 2.1 mg/L (72 hr [growth rate])
Titanium Dioxide	Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 100 mg/L (72 hr [growth rate])
	Fish LC50 Danio rerio: >100 mg/L (96 hr)

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Barium Sulfate	Fish NOEC Danio rerio: \geq 100 mg/L (33 d [hatching success, mortality (post-hatch success), numbers of healthy fish, length of the surviving fish, dry weight of the surviving fish])
	Aquatic Invertebrates NOEC Cancer anthonyi: 10 mg/L (7 d [embryonal hatching])
1,2-Ethanediamine, N1-(2-aminoethyl)-	Fish NOEC Gasterosteus aculeatus: >10 mg/L (28 d [larval development])
	Aquatic Invertebrates NOEC Daphnia magna: 5.6 mg/L (21 d [reproduction])
Titanium Dioxide	Fish NOEC freshwater fish: \geq 80 mg/L (6 d [time to hatch])
	Aquatic Invertebrates NOEC Daphnia magna: \geq 5 mg/L (21 d [reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Barium Sulfate	Persistence assessment based on biodegradability is not relevant for metals and their inorganic compounds such as this substance.
1,2-Ethanediamine, N1-(2-aminoethyl)-	The substance is readily biodegradable. 87% degradation in water, measured by O2 consumption, after 21 days.
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	The substance is not readily biodegradable. <10 % degradation in water, after 28 days.
Titanium Dioxide	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Barium Sulfate	Bioconcentration and bioaccumulation is negligible for this substance. BCF (fish; whole body): 37.6 - 98.8 L/kg
1,2-Ethanediamine, N1-(2-aminoethyl)-	The substance is not expected to bioaccumulate (log Pow= -5.58 at 20°C).

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Name	Result
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Low potential for bioaccumulation. Log Pow: -3.42 to -2.60
Titanium Dioxide	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Barium Sulfate	Mobility in soil assessment based on KOC/Kd values are not relevant for metals and their inorganic compounds such as this substance.
1,2-Ethanediamine, N1-(2-aminoethyl)-	The substance is slightly mobile, therefore, slight adsorption to soil is expected (log Koc - >= 3.4 - <= 4.6).
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	The substance has a potential for adsorption to sediment particles and suspended organic matter based on data from analagous substance.
Titanium Dioxide	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Barium Sulfate	The substance is inorganic. Hence, PBT assessment does not apply.
1,2-Ethanediamine, N1-(2-aminoethyl)-	The substance is not PBT.
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	The substance is not PBT.
Titanium Dioxide	PBT assessment does not apply to inorganic compounds such as this substance.

vPvB assessment:

Barium Sulfate	The substance is inorganic. Hence, vPvB assessment does not apply.
1,2-Ethanediamine, N1-(2-aminoethyl)-	The substance is not vPvB.
3,6,9-triazaundecamethylenediamine tetraethylenepentamine	The substance is not vPvB.
Titanium Dioxide	vPvB assessment does not apply to inorganic compounds such as this substance.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies. Dispose of in accordance with all applicable local, regional, state and federal

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regulations.

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA):

14808-60-7	Silica, crystalline quartz	Listed - Active
7727-43-7	Barium Sulfate	Listed - Active
111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	Listed - Active
112-24-3	Triethylenetetramine	Listed - Active
112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Listed - Active
13983-17-0	Wollastonite	Not Listed

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Epo Dynaweight Component "B"

13463-67-7	Titanium Dioxide	Listed - Active
1332-58-7	Kaolin	Listed - Active
9004-34-6	Cellulose	Listed - Active

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

7727-43-7	Barium Sulfate	Listed
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CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
7727-43-7	Barium Sulfate	Listed
111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	Listed
112-24-3	Triethylenetetramine	Listed
112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Listed
13463-67-7	Titanium Dioxide	Listed
1332-58-7	Kaolin	Listed
9004-34-6	Cellulose	Listed

New Jersey Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
7727-43-7	Barium Sulfate	Listed
111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	Listed
112-24-3	Triethylenetetramine	Listed
112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Listed
13463-67-7	Titanium Dioxide	Listed
1332-58-7	Kaolin	Listed
9004-34-6	Cellulose	Listed

New York Right to Know:

111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	Listed
112-24-3	Triethylenetetramine	Listed
112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Listed
13463-67-7	Titanium Dioxide	Listed

Pennsylvania Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
7727-43-7	Barium Sulfate	Listed
111-40-0	1,2-Ethanediamine, N1-(2-aminoethyl)-	Listed
112-24-3	Triethylenetetramine	Listed
112-57-2	3,6,9-triazaundecamethylenediamine tetraethylenepentamine	Listed
13463-67-7	Titanium Dioxide	Listed

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Epo Dynaweight Component "B"

1332-58-7	Kaolin	Listed
9004-34-6	Cellulose	Listed

California Proposition 65:

⚠️WARNING: This product can expose you to chemicals including Titanium Dioxide and Silica, crystalline (airborne particles of respirable size) which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial Preparation Date: 04.18.2024

Revision Notes:

Revision Date	Notes
2024-03-22	Version 2; Supersedes Version 1 (03.05.2019)

End of Safety Data Sheet