

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.11.2019

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EPO DYNAWEIGHT BAL-I-FS , BAL-VI and BAL-XV COMPONENT "A"

SECTION 1: Identification

Product identifier

Product name: EPO DYNAWEIGHT BAL-I-FS , BAL-VI and BAL-XV COMPONENT "A"

Product code: EPO DYNAWEIGHT BAL-I-FS COMPONENT "A"

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, Florida 34285
941.488.3999

Emergency telephone number:

United States

ChemTel
(888)-255-3924

SECTION 2: Hazard(s) identification

GHS classification:

Eye irritation, category 2B

Skin sensitization, category 1

Specific target organ toxicity - repeated exposure, category 1

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H320 Causes eye irritation.

H317 May cause an allergic skin reaction.

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

P314 Get medical advice/attention if you feel unwell

P337+P313 If eye irritation persists get medical advice/attention

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

P363 Wash contaminated clothing before reuse

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

P321 Specific treatment (see supplemental first aid instructions on this label).

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: Proprietary	Trade Secret 1	80-85
CAS number: 14808-60-7	Silica, crystalline quartz	<1
CAS number: Proprietary	Trade Secret 2	0.1-1
CAS number: Proprietary	Trade Secret 3	<0.1
CAS number: Proprietary	Trade Secret 4	15-20

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:

Not determined or not applicable.

After inhalation:

Remove victim to fresh air and place in a position comfortable for breathing. If respiratory symptoms develop and persist or if feeling unwell: seek medical advice/attention. If breathing is difficult, administer oxygen. If breathing has stopped, trained personnel should begin rescue breathing and get emergency medical aid

After skin contact:

Take off all contaminated clothing. Rinse affected area with soap and water. Gently blot or brush away excess product. If skin irritation develops or persists, seek medical advice/attention

After eye contact:

Remove contact lenses, if present and easy to do so. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding eyelids open. Continue rinsing. Seek immediate medical attention

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After swallowing:

Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting spontaneously occurs, place victim on side in the recovery position to prevent aspiration into the lungs. Never give anything by mouth to an unconscious person. If experiencing symptoms or concerned: Contact a POISON CENTER or doctor/physician

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Causes eye irritation. Symptoms may include stinging and reddening of eyes and watering which may become copious. May cause an allergic skin reaction, characterized by rash, itching, inflammation and redness

Delayed symptoms and effects:

Causes damage to organs through prolonged or repeated exposure

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

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:

Not determined or not applicable.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus (SCBA)

Special precautions:

Not determined or not applicable.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear recommended personal protective equipment, including respiratory protection (see Section 8).
Ventilate area. Remove sources of ignition. Avoid breathing mist/vapor/fume/dust. Minimize dust generation.
Avoid contact with eyes, skin and clothing

Environmental precautions:

Should not be released into the environment
Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)
Dispose of contents / container in accordance with local regulations

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Collect material, avoiding creating airborne dust. Place in a suitable container for disposal

Reference to other sections:

Sections 8 and 13

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Wear recommended personal protective equipment (see Section 8).

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

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
ACGIH	Trade Secret 1	Proprietary	ACGIH TLV TWA 5.0 mg/m ³ (inhalable fraction, particulate containing no asbestos and <1% crystalline silica)
	Silica, crystalline quartz	14808-60-7	ACGIH TLV TWA 0.025 mg/m ³ (Respirable fraction)
	Trade Secret 2	Proprietary	ACGIH TWA 10 mg/m ³
	Trade Secret 3	Proprietary	ACGIH TLV TWA 2 mg/m ³ (respirable fraction)
United States (OSHA)	Trade Secret 3	Proprietary	OSHA PEL TWA 15 mg/m ³ (total dust)
	Trade Secret 2	Proprietary	OSHA TWA 15.0 mg/m ³
	Trade Secret 3	Proprietary	OSHA PEL TWA 5 mg/m ³ (respirable fraction)
	Trade Secret 2	Proprietary	OSHA TWA 5.0 mg/m ³
	Trade Secret 1	Proprietary	OSHA PEL TWA 15 mg/m ³ (Total dust)
	Trade Secret 1	Proprietary	OSHA PEL TWA 5 mg/m ³ (Respirable fraction)
	Silica, crystalline quartz	14808-60-7	OSHA 8-hour TWA PEL: 0.025 mg/m ³ (Respirable fraction, action level)
	Silica, crystalline quartz	14808-60-7	OSHA 8-hour TWA PEL: 0.05 mg/m ³ (Respirable fraction, exposure limit level)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
NIOSH	Trade Secret 1	Proprietary	NIOSH TWA 5.0 mg/m ³ (Respirable fraction)
	Silica, crystalline quartz	14808-60-7	NIOSH TWA 0.05 mg/m ³
	Trade Secret 1	Proprietary	NIOSH TWA 10.0 mg/m ³ (Total dust)
	Trade Secret 3	Proprietary	NIOSH REL TWA 10.0 mg/m ³ (total dust)
	Trade Secret 2	Proprietary	NIOSH TWA 10 mg/m ³
	Trade Secret 3	Proprietary	NIOSH REL TWA 5.0 mg/m ³ (respirable dust)

Biological limit values:

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

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety glasses or goggles. Use equipment for eye protection tested and approved under appropriate government standards.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Red Putty
Odor	Light epoxy
Odor threshold	Mild
pH	6.5 - 7.0
Melting point/freezing point	Not determined or not available.

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Initial boiling point/range	Not determined or not available.
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 mmHg
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	2.9
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	None
Oxidizing properties	None

Other information

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity

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

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

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

Product data:

No data available.

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Substance data:

Name	Result
Trade Secret 4	Causes skin irritation.

Serious eye damage/irritation

Assessment:

Causes eye irritation

Product data:

No data available.

Substance data:

Name	Result
Trade Secret 4	Causes serious eye irritation.

Respiratory or skin sensitization

Assessment:

May cause an allergic skin reaction

Product data:

No data available.

Substance data:

Name	Result
Trade Secret 4	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	Not applicable	May cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Silica, crystalline quartz	Group 1 - Carcinogenic to humans

National Toxicology Program (NTP):

Name	Classification
Silica, crystalline quartz	Known to be human carcinogens

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.

Product data:

No data available.

Substance data: No data available.

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Specific target organ toxicity (single exposure)

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

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment:

Causes damage to organs through prolonged or repeated exposure

Product data:

No data available.

Substance data:

Name	Result
Silica, crystalline quartz	Causes damage to lungs through prolonged or repeated inhalation exposure.

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:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

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
Trade Secret 4	EC50 - Scenedesmus capricornutum - 9 mg/L - 48 h

Chronic (long-term) toxicity

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

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

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Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

Dispose in accordance with all applicable regulations. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

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):

Proprietary	Trade Secret 4	Listed
Proprietary	Trade Secret 1	Listed
14808-60-7	Silica, crystalline quartz	Listed
Proprietary	Trade Secret 2	Listed
Proprietary	Trade Secret 3	Listed

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

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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: None of the ingredients are listed.

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:

Proprietary	Trade Secret 4	Not Listed
Proprietary	Trade Secret 1	Listed
14808-60-7	Silica, crystalline quartz	Listed
Proprietary	Trade Secret 2	Listed
Proprietary	Trade Secret 3	Listed

New Jersey Right to Know:

Proprietary	Trade Secret 4	Not Listed
Proprietary	Trade Secret 1	Listed
14808-60-7	Silica, crystalline quartz	Listed
Proprietary	Trade Secret 2	Listed
Proprietary	Trade Secret 3	Listed

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know:

Proprietary	Trade Secret 4	Not Listed
Proprietary	Trade Secret 1	Listed
14808-60-7	Silica, crystalline quartz	Listed
Proprietary	Trade Secret 2	Listed
Proprietary	Trade Secret 3	Listed

California Proposition 65:

⚠️WARNING: This product can expose you to Silica, crystalline quartz; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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.

NFPA: 2-0-0

HMIS: 2-0-0

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End of Safety Data Sheet