SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : EnFlex™ 210
Product code : EF-210

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Acrylic Roof Coating System

1.3. Details of the supplier of the safety data sheet

EnKorp, Inc. (d/b/a EnKoat)
625 S Smith Rd, Ste 17
Tempe, AZ 85288 - USA
T (602) 760-5343 · engineering@enkoat.com

1.4. Emergency telephone number

Emergency Telephone : (U.S. and Canada) 1-800-424-9300 / (outside the U.S.) 1-703-527-3887
Association/Organization : CHEMTREC

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Carcinogenicity : Category 2
Reproductive toxicity : Category 2

2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US): GHS08 Health hazard

Signal word (GHS-US) : **Warning**
Hazard statements (GHS-US) : H351 — Suspected of causing cancer.
H361 — Suspected of damaging fertility or the unborn child.
Precautionary statements (GHS-US) : P201 — Obtain special instructions before use.
P202 — Do not handle until all safety precautions have been read and understood.
P280 — Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 — IF exposed or concerned: Get medical advice/attention.
P405 — Store locked up.
P501 — Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other hazards

Hazards not otherwise classified (HNOC): none known.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%
Calcium Carbonate	1317-65-3	10-40
Titanium Dioxide	13463-67-7	1-15
Proprietary Functional Additives	Proprietary	1-40
Non-hazardous ingredients	-	50-60

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation : May cause respiratory tract irritation.

Skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Chronic : Suspected of causing cancer. Suspected of damaging fertility or the unborn child. See Section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Treat for surrounding material.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Protection during firefighting : Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Isolate materials that are not involved in the fire. Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid breathing vapors, mist or gas.

6.2. Methods and material for containment and cleaning up

Methods for containment : Contain and/or absorb spill with noncombustible, absorbent material (e.g. sand, vermiculite), and place in a suitable container for disposal according to local regulations. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Contain and collect spillage, place in a disposal container. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as that spilled product.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : For exterior use only. Do not use indoors. Avoid contact with skin and eyes. Avoid breathing vapour or mist. Do not swallow. Handle and open container with care. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material. Keep containers tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse empty containers.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Please keep the original container in a secure location that is shielded from direct sunlight. Ensure that the area is dry, cool, and well-ventilated, and keep it away from substances that may react unfavorably (refer to section 10 of the Safety Data Sheet) as well as food and beverages. Store the container in a locked position. Maintain a tight seal on the container and keep it closed until you are ready to utilize its contents. If you have opened the container, please reseal it carefully and store it in an upright position to prevent any leaks. Remember not to store the substance in containers without proper labeling. Keep out of the reach of children. Keep container tightly closed.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Exposure Guidelines

Calcium Carbonate	TWA OSHA PEL (respirable dust) 5 mg/m3 TWA OSHA PEL (total dust) 15 mg/m3
Titanium Dioxide	TWA OSHA PEL (total dust) 15 mg/m3 TWA ACGIH TLV 10 mg/m3

8.2. Exposure controls

Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits. Eyewash stations.

Hand protection : Impervious and chemical-resistant gloves complying with an approved standard should always be worn. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Eye protection : Safety glasses or chemical goggles as appropriate to prevent eye contact.

Skin and body protection : Personal protective equipment and clothing for the body should be selected based on the task being performed and the risks involved. Chemical-resistant, impervious protection complying with an approved standard should always be worn.

Respiratory protection	:	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.
Environmental exposure controls	:	Maintain levels below Community environmental protection thresholds.
Other information	:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid.
Appearance	:	Viscous.
Colour	:	White; custom tints available.
Odour	:	Slight Ammonia.
VOC	:	< 25 g/l
Odour threshold	:	No data available.
pH	:	No data available.
Relative evaporation rate (butylacetate=1)	:	No data available.
Melting point	:	No data available.
Freezing point	:	No data available.
Boiling point	:	No data available.
Flash point	:	212 F (100 C).
Auto-ignition temperature	:	No data available.
Decomposition temperature	:	No data available.
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available.
Relative vapour density at 20 °C	:	No data available.
Relative density	:	1.23
Solubility	:	No data available.
Log Pow	:	No data available.
Log Kow	:	No data available.
Viscosity, kinematic	:	No data available.
Viscosity, dynamic	:	21,950 cP
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Explosive limits	:	No data available.

9.2. Other information

Relative density and viscosity per the current Technical Data Sheet (Rev. 2.0, September 2026).

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use, storage and transport.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Incompatible materials and extreme temperatures.

10.5. Incompatible materials

Strong acids and oxidizing agents. Strong alkalis. Amines, mercaptans and Lewis acids at ambient temperature and above.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	Not classified.
Skin corrosion/irritation	:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	:	Based on available data, the classification criteria are not met.
Carcinogenicity	:	**Category 2.** Contains titanium dioxide (CAS 13463-67-7), classified by IARC as Group 2B (possibly carcinogenic to humans) on the basis of inhalation of respirable dust. In the liquid product, titanium dioxide is bound in the coating; exposure to respirable particles may occur from spray mist or from sanding or abrading cured film.
Reproductive toxicity	:	**Category 2.** Classification is based on a proprietary functional additive (identity withheld as a trade secret in accordance with 29 CFR 1910.1200(i)).
Specific target organ toxicity (single exposure)	:	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	:	Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	:	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	:	May cause skin irritation.
Symptoms/injuries after eye contact	:	May cause eye irritation.
Symptoms/injuries after ingestion	:	May cause stomach distress, nausea or vomiting.

11.2. Toxicological measures of individual components

Calcium Carbonate	Oral rat LD50: 6450 mg/kg
Titanium Dioxide	Oral rat LD50: >5000 mg/kg; IARC Group 2B (inhalation)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : None

12.2. Persistence and degradability

EnFlex™ 210	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

EnFlex™ 210	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all applicable local, regional, national, and international laws and regulations. The generation of waste should be avoided or minimized wherever possible.

Contaminated packaging	:	Do not reuse containers.

SECTION 14: Transport information

DOT	:	Not regulated.
IATA	:	Not regulated.
IMDG	:	Not regulated.
Other information	:	No supplementary information available.
Special transport precautions	:	Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA 311/312 hazard categories	:	Health hazard — Carcinogenicity: Yes Health hazard — Reproductive toxicity: Yes Acute toxicity: No Physical hazards: None
SARA 313	:	This product does not contain any chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.
CWA (Clean Water Act)	:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
CERCLA Hazardous Substances	:	This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

15.2. US State regulations

California Proposition 65: This product contains titanium dioxide (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer, and a proprietary ingredient (identity withheld as a trade secret) known to the State of California to cause reproductive toxicity. For more information, go to www.P65Warnings.ca.gov.

SECTION 16: Other information

NFPA	:	Health hazards: 1 Flammability: 0 Instability: 0
HMIS	:	Health hazards: 1* Flammability: 0 Physical hazards: 0 (* chronic health hazard)
Date of issue	:	October 2, 2026 (Revision 01)
Supersedes	:	January 30, 2026
Indication of changes	:	Section 1: supplier legal entity and contact. Section 2: classification harmonized with Sections 11 and 15; signal word, hazard statements and precautionary statements added; Skin corrosion/irritation Category 3 removed (not a hazard category under 29 CFR 1910.1200). Section 4: chronic effects added. Section 9: colour, relative density and viscosity aligned to the current TDS. Section 11: carcinogenicity and reproductive toxicity basis stated. Section 15: SARA 311/312 categories and Proposition 65 statement updated. Section 16: HMIS chronic indicator.

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