SAFETY DATA SHEET

Issuing Date 07-May-2013 Revision Date 07-Jun-2018 Revision Number 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier 219 - 286

Product Name DRYLOK Extreme Masonry Waterproofer

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Waterproofing Sealers, Concrete/Masonry

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

United Gilsonite Laboratories

1396 Jefferson Ave.

Dunmore PA

18509 US

Phone:570-344-1202 Fax:570-969-7634 Email:sales@ugl.com

Contact Phone:570-344-1202

Emergency telephone number (800) 424-9300 Chemtrec

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Acute toxicity - Inhalation (Vapors) | Category 4 |
|--------------------------------------|------------|
| Carcinogenicity | Category 2 |
| Reproductive toxicity | Category 2 |

GHS Label elements, including precautionary statements

Emergency Overview

Signal word Warning

Hazard statements

Harmful if inhaled

Suspected of damaging fertility or the unborn child



Appearance WhitePhysical StateLiquidOdor Ammonia

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
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not Applicable

Other information

Harmful to aquatic life with long lasting effects

Interactions with Other Chemicals No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % | Trade Secret |
|--|------------|----------|--------------|
| Titanium dioxide | 13463-67-7 | 10 - 30 | * |
| Diethylene glycol monomethyl ether | 111-77-3 | 2 - 7 | * |
| 2-Propanol, 1-(2-butoxy-1-methylethoxy)- | 29911-28-2 | 1 - 5 | * |
| Propanol, oxybis-, dibenzoate | 27138-31-4 | 0.1 - 1 | * |

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

4. FIRST AID MEASURES

First aid measures

General Advice Immediate medical attention is required. Show this safety data sheet to the doctor in

attendance.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a

physician.

Skin ContactWash skin with soap and water. In the case of skin irritation or allergic reactions see a

physician.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician 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

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No Sensitivity to Static Discharge No

<u>Protective Equipment and Precautions for Firefighters</u>

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 Avoid contact with eyes.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions Refer to protective measures listed in Sections 7 and 8.

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 Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin,

eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash

contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Store locked up.

Incompatible ProductsNone known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------|-----------|----------|------------|
| | | | |

| Titanium dioxide | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust | IDLH: 5000 mg/m ³ |
|------------------|---------------------------|--|------------------------------|
| 13463-67-7 | | (vacated) TWA: 10 mg/m ³ total dust | |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines 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 Measures Showers

Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face ProtectionNo special protective equipment required.

Skin and Body Protection Wear protective gloves/clothing.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene MeasuresHandle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Wash hands before breaks and immediately after handling the

product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State Liquid
Appearance White Odor Ammonia

Color No information available Odor Threshold No information available

Values Remarks/ Method Property pН None known Melting/freezing point No data available None known **Boiling Point/Range** 100°C / 212°F None known Flash Point 5001C / 9034F None known **Evaporation rate** No data available None known Flammability (solid, gas) No data available None known

Flammability Limits in Air

Upper flammability limit

Lower flammability limit

No data available

No data available

Vapor pressure No data available None known Vapor density No data available None known **Specific Gravity** No data available None known Water Solubility Soluble in water. None known Solubility in other solvents No data available None known Partition coefficient: n-octanol/water No data available None known **Autoignition temperature** No data available None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Explosive PropertiesNo data available **Oxidizing Properties**No data available

Other Information

Softening Point
VOC Content (%)

No data available
No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation There is no data available for this product.

Eye Contact There is no data available for this product.

Skin Contact There is no data available for this product.

Ingestion There is no data available for this product.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|------------------------------|---------------------|-------------|-----------------------|
| Titanium dioxide | > 10000 mg/kg (Rat) | - | - |
| 13463-67-7 | | | |
| 2-Propanol, | - | - | > 2.04 mg/L (Rat) 4 h |
| 1-(2-butoxy-1-methylethoxy)- | | | = 42.1 ppm (Rat) 4 h |
| 29911-28-2 | | | |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------|-------|----------|-----|------|
| Titanium dioxide | | Group 2B | | X |
| 13463-67-7 | | • | | |

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive ToxicityContains a known or suspected reproductive toxin.

STOT - single exposure
STOT - repeated exposure
No information available.
No information available.

Chronic ToxicityNo known effect based on information supplied. Contains a known or suspected carcinogen Contains a known or suspected reproductive toxin. Possible risks of irreversible effects.

Titanium dioxide has been classified by the International Agency for Research on Cancer

(IARC) as possibly carcinogenic to humans (Group 2B) by inhalation.

Target Organ Effects
Aspiration Hazard

Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Reproductive system. Lungs. Liver.

No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral)

25,000.00 mg/kg

ATEmix (inhalation-vapor)

16.35ATEmix

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR

261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local

regulations for additional requirements.

Contaminated Packaging Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331

14. TRANSPORT INFORMATION

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DOT NOT REGULATED

Proper Shipping Name NON REGULATED

Hazard Class N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

Proper Shipping Name NON REGULATED

Hazard Class N/A

IMDG/IMO Not regulated

Hazard Class N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. 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 | CAS-No | Weight % | SARA 313 - Threshold Values % |
|---|----------|----------|----------------------------------|
| Diethylene alycol monomethyl ether - 111-77-3 | 111-77-3 | 3 - 7 | 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 |

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

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):

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals:

| Chemical Name | California Prop. 65 |
|---------------|---------------------|
| N/A | |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------|------------|---------------|--------------|
| Titanium dioxide | X | X | X |
| 13463-67-7 | | | |

International Regulations

Mexico - Grade

Slight risk, Grade 1

| Chemical Name | Carcinogen Status | Exposure Limits |
|------------------|-------------------|------------------------------------|
| Titanium dioxide | | Mexico: TWA= 10 mg/m ³ |
| | | Mexico: STEL= 20 mg/m ³ |

Canada

WHMIS Hazard Class

D2A Very toxic materials



16. OTHER INFORMATION

NFPA Health Hazard 0 Flammability 0 Instability 0 Physical and Chemical

Hazards -

HMIS Health Hazard 0 Flammability 0 Physical Hazard 0 Personal Protection X

Chronic Hazard Star Legend *Indicates a chronic health hazard.

Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

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07-Jun-2018

Revision Date
Revision Note

Titanium Dioxide is not in respirable form.

General 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

End of Safety Data Sheet