Product Name: HYDROLON, BLUE ICE Product Code: 712

SECTION 1: IDENTIFICATION

Product Name HYDROLON, BLUE ICE Product Code # 712 Identified Uses Protective Coating Manufacturer: Kelley Technical Coatings 1445 South 15th Street P.O. Box 3726 Louisville, Kentucky 40201-3726 Emergency Contact Number: Day: 502-636-2561 Night: 800-424-9300 Information Telephone Number: 502-636-2561

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity - Oral 4 & 5 Skin Irritant 2 Eye Damage/Irritation 2b

GHS Label Elements

Hazard Symbols



Signal Word Warning

Hazard Statements

H302 Harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation

Precautionary statements Prevention

P202 Do not handle until all safety precautions have been read and understood. P264 Wash hands and/or face thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

Response

P330 If swallowed, rinse mouth.
P363 Wash contaminated clothing and wash before reuse.
P301 + P310 If swallowed: Immediately call a poison center or doctor.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage/ Disposal

P501 Dispose of contents/container in accordance with federal, state, provincial, and local regulations.

Other Hazards OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

SECTION 3: COMPOSITION INFORMATION

Chemical Designation	CAS No.	% by Weight
titanium dioxide	13463-67-7	10 - 20%
ethylene glycol	107-21-1	1 - 5%
butoxy dipropanol	29911-28-2	1 - 5%
texanol	25265-77-4	1 - 5%

Product Name: HYDROLON, BLUE ICE Product Code: 712

SECTION 4: FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance
Eyes:	Flush with plenty of cool water for at least15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate
	medical attention.
Skin:	Wash affected area thoroughly with soap and water. If skin irritation persists, get immediate medical attention.
Inhalation:	Move to fresh air. Restore breathing. If breathing is difficult, get immediate medical attention.
Ingestion:	Do not induce vomiting – seek immediate medical attention.
Notes to Physician	Treat symptomatically

_ __ _

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific Hazards arising	Closed containers may rupture if exposed to fire or extreme heat.
from the Chemical	
Special protective	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective
Equipment:	gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Environmental	Use personal protective equipment. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from
Precautions	entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Methods for Clean-up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.
Other Information	None known

SECTION 7 : HANDLING & STORAGE

 Handling:
 Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

 Storage:
 Keep container tightly closed. Keep out of the reach of children.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

HMIS is a Health, Flammability and Reactivity rating: 2*11

HMIS CODE: 4 – SEVERE HAZARD, 3 – SERIOUS HAZARD, 2 – MODERATE HAZARD, 1 – SLIGHT HAZARD, 0 – MINIMAL HAZARD, * – Chronic Hazard

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual conditions of use.

Exposure Limits Hazardous Components titanium dioxide ethylene glycol butoxy dipropanol	OSHA PEL 15 mg/m3 50 ppm (C) NE	ACGIH TLV 10 mg/m3 50 ppm (C)(STEL) NE
texanol	NE	NE

NE = None established NA = Not available (C) = Ceiling limit (I) = Inhalable fraction (IFV) = Inhalable fraction and vapor STEL = Short term exposure limit (R) = Respirable fraction

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment	it in the second s
Eyes/Face:	Safety goggles or full face shield
Skin:	Protective gloves and impervious clothing.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene Practices:	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid		
Odor:	Little or no odor	Odor threshold:	Not determined
VOC lb/gal	0.49	VOC (g/L)	59.14

SAFETY DATA SHEET

Product Name: HYDROLON, BLUE ICE **Product Code:** 712

VOC (lb/gal) less exempt
Relative Density (LB/GAL):
Flash Point (F):
Flammability:
Auto-ignition temperature:
Evaporation rate :
Vapor Pressure (mmHg) :
Initial Boiling Point (F):
Freezing Point (F):
pH
Solubility (ies):
Partition coefficient: n-
octanol/water

1.08 11.38 Greater than 201 Not applicable Not applicable Not available Not available 212 32 Not available Not determined Not determined

VOC (g/L) less exempt Specific Gravity (g/L): Upper/lower flammability limits:

Decomposition temperature:

Vapor Density : Boiling Point Range (F): Melting Point (F): Viscosity

Date issued: 2/28/2018

129.27 1.37

Not applicable Not determined

Not available Not available Not determined Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Prevent from freezing
Materials to Avoid:	No materials to be especially mentioned.
Hazardous Decomposition Products:	None under normal use.
Possibility of Hazardous Reactions:	None under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity			
Component	LD50 Oral mg/kg (Rat)	LD50 Dermal mg/kg	LC50 Inhalation mg/L (Rat, 4 hr.)
		(Rabbit)	
titanium dioxide	10,000	10,000	6.82
ethylene glycol	NA	NA	NA
butoxy dipropanol	NA	NA	NA
texanol	6,517	>15,200	NA
Chronic Toxicity			
The information below indicate	es whether each agency has listed any ingredien	U	
Component	IARC	NTP	OSHA
titanium dioxide	2B – Possible Human Carcinogen	Not listed	Listed

Per IARC Summary of Data Reported, Subsection 5.1: No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints.

SECTION 12: ECOLOGICAL INFORMATION

No ecological information available

SECTION 13 : DISPOSAL CONSIDERATION

Waste Disposal Method

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

SECTION 14 : TRANSPORT INFORMATION

Contact the manufacturer for shipping information.

SECTION 15 : REGULATORY INFORMATION

US TSCA: Yes - All components are listed or exempt

Federal Regulations

SARA 311/312 hazardous categorization

Acute Health Hazard	YES
Chronic Health Hazard	YES
Fire Hazard	NO

SAFETY DATA SHEET

Product Name: HYDROLON, BLUE ICE Product Code: 712

Sudden Release of Pressure	e NO	
Hazard		
Reactive Hazard	NO	
GADA 212		
SARA 313		
Section 313 OF Title III of the Superfund A	mendments and Reauthor	rization Act of 1986 (SARA). If listed below, this product contains a chemical
	ing requirements of the A	ct and Title 40 of the Code of Federal Regulations, Part 372.
or chemicals which are subject to the report	ing requirements of the A	ict and Thie 40 of the Code of Federal Regulations, Part 572.
Chemical Designation	Cas No.	Weight %
5 I	0 1	0
Chemical Designation	Cas No. 107-21-1	Weight %
Chemical Designation ethylene glycol	Cas No. 107-21-1	Weight %

State Regulations

California Proposition 65

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

SECTION 16: OTHER INFORMATION

Date issued: 2/28/2018 VER 03

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.