Product Name: SMART SEAL AQUA SEAL, BLUE HEAVEN

Product Code: 432 Date issued: 2/28/2018

SECTION 1: IDENTIFICATION

Product Name SMART SEAL AQUA SEAL, BLUE HEAVEN

Product Code # 432

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.

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	5 - 10%
ethylene glycol	107-21-1	1 - 5%
butoxy dipropanol	29911-28-2	1 - 5%
texanol	25265-77-4	1 - 5%

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SECTION 4: FIRST AID MEASURES

General Advice Show this safety data sheet to the doctor in attendance

Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate Eyes:

Skin: Wash affected area thoroughly with soap and water. If skin irritation persists, get immediate medical attention.

Move to fresh air. Restore breathing. If breathing is difficult, get immediate medical attention. Inhalation:

Do not induce vomiting – seek immediate medical attention. Ingestion:

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:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Remove all sources of ignition.

Environmental 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

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing Handling:

vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

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

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 OSHA PEL ACGIH TLV titanium dioxide 15 mg/m3 10 mg/m3 ethylene glycol 50 ppm (C) 50 ppm (C)(STEL)

butoxy dipropanol NE NF. 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

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

Little or no odor Odor threshold: Odor: Not determined

VOC lb/gal 0.49VOC (g/L) 59.18

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VOC (lb/gal) less exempt 1.10 Relative Density (LB/GAL): 11.08

Flash Point (F): Greater than 201
Flammability: Not applicable
Auto-ignition temperature: Not applicable
Evaporation rate: Not available

Evaporation rate: Not available
Vapor Pressure (mmHg): Not available
Initial Boiling Point (F): 212
Freezing Point (F): 32
pH Not available

Solubility (ies): Partition coefficient: n-

octanol/water

VOC (g/L) less exempt Specific Gravity (g/L):

132.21 1.33

Upper/lower flammability limits: Not applicable Decomposition temperature: Not determined

Vapor Density: Not available
Boiling Point Range (F): Not available
Melting Point (F): Not determined
Viscosity 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.

Not determined

Not determined

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)

10,000 10,000 6.82 titanium dioxide ethylene glycol NA NA NA butoxy dipropanol NA NA NA texanol 6,517 >15,200 NA

Chronic Toxicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

ComponentIARCNTPOSHAtitanium dioxide2B – Possible Human CarcinogenNot listedListed

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

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Sudden Release of Pressure

NO

Reactive Hazard

Hazard

NO

SARA 313

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, 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 DesignationCas No.Weight %ethylene glycol107-21-1< 5%</td>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS)

Chemical DesignationCas No.Weight %ethylene glycol107-21-11.50

Any Target HAP listed in this section is not an OSHA Carcinogen unless listed as such in Section 11 under Chronic Toxicity.

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 02

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.