



SAFETY DATA SHEET

Prepared in accordance with GHS standard & annex II-EC regulation 1907/2006

1. Identification

Material Identification: GripCote Ultra

Product Code: A-02

Manufacturer Identification: Liquiguard technologies

Chemical name: water based acrylic polymer coating

5807 North Andrews Way

Chemical class: applied polymer coating

Fort Lauderdale, Fl. 33309

CAS#: proprietary N/A

Product description: Paint, coatings

Emergency response telephone number: (954) -566-0966 (normal business hours)

2. Hazards Identification

GHS classification Acute toxicity: ORAL: category 4

EYES: category 2

SKIN: category 3

GHS label elements (including precautionary statements): None

Symbol: None

Signal word: Danger

Hazard Risk Statement: Do not ingest H302-Harmful if swallowed

H316-causes mild skin irritation



2. Hazards Identification

Precautionary Statements:

Prevention: P262 Do not get in eyes, on skin or on clothing

Response: P305/ P351 IF IN EYES: rinse with water for several minutes, repeat if irritation persists.

P302/352 IF ON SKIN: Wash with plenty of soap and water

Storage: P403/P233: Store in a well ventilated space. Keep container tightly closed

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

In case of emergency call local emergency dispatch for treatment.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH
FIRE
REACTIVITY
Health = *1
Fire = 1
Reactivity = 0

Results of PBT and vPvB assessment: N/A



3. Composition Technical description.

Composition Technical description: Water based acrylic emulsion with extenders to provide waterproof and non-slip coating when dry.

3. Composition and Ingredient information

Component	Approximate %	CAS #	Hazard	comments
Byk1650	<1%	61791-28-4	Ingestion	Byk de-foamer
MP-200H	1.5%	68611-45-0	Ingestion	
Vinyl Acrylic	10-25%	N/A	N/A	
Polyphase 663	<1.5%		Ingestion	Multi phase anti mildew
Surfonyl 104E	@1%	126-86-3/107-21-1	Ingestion eye irritant	Wetting agent/ mol. De-foamer
Tegmer 804S	1%	proprietary	Ingestion	
			Ingestion	
Deionized Water	<5-20%	7732-18-5	none	Water based solvent
Mergal K14N	1%		Ingestion	Mildewcide
Acrylic Emulsion	20-45%	N/A proprietary	none	polymer
			Ingestion	
Rheolate 288	1%	112-34-5	Ingestion	Rheology modifier
DPM	<1%	34590-94-8	Ingestion	

Descriptive formula; nearly odorless water based acrylic polymer emulsion.



4. First aid measures

Product is generally non-toxic and inert in cured state and can be used in all environments and workplaces.

WARNING- Avoid ingestion –If ingested drink two glasses of water to dilute. Call a doctor and seek emergency treatment if n

Avoid skin exposure as product is applied, wash hands and area exposed to product thoroughly after application.

WARNING-Avoid eye exposure

WARNING: If in eyes, rinse with water for 15 minutes, repeat if irritation persists.

5. Fire-fighting measures

Product may be flammable during application WARNING- Do not apply near heat sources such as heaters, blowers, or dryers.

Extinguishing media; Alcohol resistant foam, CO2 fire extinguishers, water, sand or foam.

Protective measures for firefighters; use mouth respiratory protective device if combustion of product is noted.

Polymer film may burn. Avoid breathing fumes from burning material, may produce carbon monoxide, carbon dioxide



6. Accidental release measures

If spilled; Clean area with absorptive cloths and re apply to surface after drying. Dispose of cleaning materials safely and in accordance with local regulations.

Do not release materials into streams or watersheds.

Do not store open containers. Use all product opened and dispose of containers properly.

Do not rinse containers before disposal.

7. Handling and storage

WARNING-follow all directions for use and apply product as directed, avoid skin exposure.

Store as directed at temperatures below 90 degrees F.

Do not apply or use product at temperatures below freezing.

Do not store open or partially used containers, use all product opened or dispose of properly.

During application the use of gloves is advised.

8. Exposure controls

Exposure Controls: Wear gloves or personal protective gear

General Protective measures; keep away from foodstuffs, beverages, food

Immediately remove soiled or contaminated clothing or soaked gloves.

Wash hands before breaks and upon completion of work.

Do not Ingest-Rinse mouth repeatedly if oral exposure occurs.

Consult emergency physician if Ingested



9. Physical and chemical properties

-General Information

-Appearance

>Form Liquid

>color milky, clear when dry unless color additive is requested

-Odor slight

-Odor threshold N/A

-Viscosity; 25000 cps

 -Dynamic; N/A

 -Kinematic; N/A

-pH 8.0-8.5

Solubility

 Water: YES

 PC (n-octanol/water): YES

CHANGE IN CONDITION

Boiling point F

 C

Flash point N/A (water based)F

Decomposition temperature N/AF C

Storage temperature range 65°-75° F

Application temperature range 75°-85° F

Vapor Density Heavier than air

Sp. Gravity 1.05

Solids content 55.0% (+/- 1%) by volume

Coating V.O.C. : 0.82 LB/Gal Material VOC 0.23 LB/Gal.



10. Stability

Hazardous polymerization: Will not occur

Stable as stored in original sealed container at temperature range specified in instructions for 1 year. Use product promptly as indicated and do not store partially used containers. Dispose of properly. **WARNING-** Keep sealed until use. Storage temperature range: 65°-75°

11. Toxicological Information

None available, stable non-toxic polymer film once cured.

Pathogen free products are packed under quality supervision.

In case of emergency contact info@liquiguard.com

12. Ecological Information

None available Stable non-toxic polymer film once cured.

PRECAUTION; Please dispose of all clothing, gloves, containers and applicator pads in accordance with local regulations. Please recycle containers in accordance with local regulations.

13. Disposal Considerations

PRECAUTION; Please dispose of all clothing, gloves, containers and applicator pads in accordance with local regulations. Please recycle containers in accordance with local regulations.



14. Transport Information

Storage temperature: 65°-75°F

Storage temperature: 18°-24°C

Range: 65°-75° F 18°-24°C

15. Regulatory Information

N/A

16. Other Information

Information and personal assistance in instructions for the use of our products can be obtained through our website at info@liquiguard.com