



GluDown® WaterGrip Membrane Adhesive and Primer

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: GluDown® WaterGrip Membrane Adhesive and Primer

Revision Date: December 15, 2017

Version: 1.0

Part Numbers: GD5110

Manufactured For:

GluDown, Inc.

P.O. Box 12251

Dallas, TX 75225

United States of America

Information Phone: 214-504-2503

Emergency Phone: Chemtrec 800-424-9300 / INTERNATIONAL 1-703-527-3887

Product/Recommended: Adhesive

Restriction on Use: For industrial use only – not packaged or labeled for home use.

SECTION 2: HAZARDS IDENTIFICATION

Classification:

OSHA Regulatory Status

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

Carcinogenicity - Category 2

Label Elements:

Emergency Overview

Signal Word Warning

Hazard Statements

Suspected of causing cancer



Appearance: White

Physical State: Liquid

Odor: Mild

Precautionary Statements - Prevention:

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood
- Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response:

- If exposed or concerned: Get medical advice/attention
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- IF ON SKIN: Gently wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Storage:

- Keep from freezing

Precautionary Statements - Disposal:

- Dispose of in accordance with federal, state and local regulations

Hazards not otherwise classified (HNOC)

- None under normal processing

Other Information

Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENT

Substance

Synonyms Adhesive

Components	CAS-No	Weight %	Trade Secret
Vinyl acetate	108-05-4	<1.0%	*

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

SECTION 4: FIRST-AID MEASURES

Inhalation:

Move to fresh air.

Skin Contact:

Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. In the case of skin irritation or allergic reactions see a physician.

Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion:

None under normal use. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Notes to Physician:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

No information available on mixture.

Specific Hazards Arising from the Chemical:

Do not allow run-off from fire-fighting to enter drains or water courses. Dried product is capable of burning. Sealed containers may rupture when heated.

Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective equipment. Ensure adequate ventilation. Use NIOSH/MSHA approved respirators if OSHA PEL is exceeded. Use impervious glove and body-covering clothing. Use side-shielded safety glasses or goggles.

Environmental Precautions:

See section 12 for Ecological Information.

Methods and Materials for Containment and Cleaning Up:

Pick up and transfer to properly labeled containers. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment should be avoided. Dispose of according to local and regional authority requirements.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

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

Conditions for safe storage, including any incompatibilities:

Storage Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

Incompatible Products Water-reactive materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA – WEEL
Vinyl acetate 108-05-4	15 ppm STEL TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m ³ (vacated) STEL: 20 ppm (vacated) STEL: 60 mg/m ³	Ceiling: 4 ppm Ceiling: 15 mg/m ³	-

Appropriate Engineering Controls:

- Showers
- Eyewash stations
- Ventilation systems.

Eye Protection:

Avoid contact with eyes. Eye protection.

Skin and Body Protection:

Wear protective gloves/clothing.

Respiratory Protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle 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. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Odor	Mild
Appearance	White	Odor Threshold	No data available
Color	White		

<u>Property</u>	<u>Values</u>	Remarks Methods
pH	4.0 – 6.0	
Melting point/freezing point		
Boiling point/Range	No information available on mixture	
Flash Point	No information available on mixture	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper explosive	No information available on mixture	
Lower explosive	No information available on mixture	
Vapor pressure	Negligible	
Vapor density	No information available on mixture	
Specific gravity	0.98	
Water solubility	Miscible with water	
Solubility in other solvents	No information available on mixture	
Partition coefficient	No information available	
Autoignition Temperature		
Decomposition Temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	4,000 – 9,000 cps	
Explosive properties	No information available	
Oxidizing properties	No information available	
<u>Other Information</u>		
Softening point	No information available on mixture	
% Solids	69% ± 2.5%	

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

None under normal processing.

Chemical Stability:

Stable under recommended storage conditions.

Possibility of Hazardous Reactions:

None under normal processing.

Conditions to Avoid:

Excessive heat.

Incompatible Materials:

Water-reactive materials.

Hazardous Decomposition Products:

Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION
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Information on likely routes of exposure:

Inhalation:

May cause irritation of respiratory tract,

Eye Contact:

Contact with eyes may cause irritation.

Skin Contact:

Repeated exposure may cause skin dryness or cracking.

Ingestion:

Not an expected route of exposure. May be harmful if swallowed.

Components	LD50 Oral	Dermal LD50	Inhalation LC50:
Vinyl acetate 108-05-4	2920 mg/kg (Rat)	2320 mg/kg (Rabbit)	= 11400 mg/m ³ (Rat) 4 h

Information on toxicological effects:

Symptoms No information available on mixture.

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

Sensitization No information available.

Mutagenic Effects No information available on specific mixture.

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

Components	ACGIH	IARC	NTP	OSHA
Vinyl acetate 108-05-4	A3	Group 2B	-	X

Reproductive Toxicity No information available.

STOT – single exposure No information available.

STOT – repeated exposure No information available.

Aspiration Hazard No information available.

Numerical measures of toxicity – Product Information

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

0.3996% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Components	Algae/aquatic plants	Toxicity to Fish	Daphnia Magna (Water Flea)
Vinyl acetate 108-05-4	N/A	14: 96 h Pimephales promelas mg/L LC50 static 15.04 – 21.54: 96 h Lepomis macrochirus mg/L LC50 static 26.1 – 36.63: 96 h Poecilia reticulate mg/L LC50 static	EC50 = 52.0 mg/L 24 h

Persistence and Degradability:

No information available.

Bio-accumulation/ Accumulation:

No information available.

Components	Log Pow
Vinyl acetate 108-05-4	0.73

Other adverse effects:

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

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:

Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION
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DOT Not regulated.

IATA Not regulated.

IMDG/IMO Not regulated.

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA 8(b) All components are listed or exempt.

DSL/NDSL All components are listed or exempt.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Federal Regulations, Part 372.

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 Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act:

Components	Weight %	HAPS data
Vinyl acetate 108-05-4	<1.0%	Present

Clean Water Act

See information supplied by the manufacturer.

CERCLA

See information supplied by the manufacturer.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. EPA Label Information

EPA Pesticide Registration Number

No data available.

SECTION 16: OTHER INFORMATION

<u>NFPA</u>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards –
<u>HMIS / WHMIS</u>	Health Hazard 1	Flammability 0	Physical Hazards 0	Personal Precautions X

DISCLAIMER

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