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GluDown® WaterGrip® Adhesive

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: GluDown® WaterGrip® Adhesive

Revision Date: March 5, 2020

Version: 2.0

Part Numbers: GD5210, GD5212, GD5291

Company Information:

GluDown, Inc.
2650 Nova Drive, Suite 101
Dallas, TX 75229
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 not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements:

Emergency Overview

Signal Word: Not classified

Hazard Statements: None

Appearance: White

Physical State: Liquid

Odor: None

Precautionary Statements - Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use personal protective equipment as required.

Precautionary Statements - Response:

Get medical advice/attention if you feel unwell. Specific treatment (see Section 4 on this SDS).

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**

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

SECTION 4: FIRST-AID MEASURES**Inhalation:**

Remove to fresh air.

Skin Contact:

Wash off immediately with soap and plenty of water. Take off contaminated clothing and wash 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 conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

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:

Specific test data for the substance or mixture is not available.

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. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Environmental Precautions:

See section 12 for additional Ecological Information.

Methods and Materials for Containment and Cleaning Up:

Pick up and transfer to properly labeled containers. Prevent environmental discharge consistent with regulatory requirements. Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

Appropriate Engineering Controls:

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

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	Acrylic (Slight)
Appearance	White	Odor Threshold	No data available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks/Methods</u>
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pH	4.7	3.7 – 5.7
VOC (less water, less exempt solvents)	0.18%	EPA Method 24
Melting point/freezing point	No information available	
Boiling point/Range	Specific test data for the substance or mixture is not available	
Flash Point	Specific test data for the substance or mixture is not available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper explosive	Specific test data for the substance or mixture is not available	
Lower explosive	Specific test data for the substance or mixture is not available	
Vapor pressure	Negligible	
Vapor density	Specific test data for the substance or mixture is not available	
Specific gravity	> 1.0	
Water solubility	Miscible with water	
Solubility in other solvents	Specific test data for the substance or mixture is not available	
Partition coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	3,000 cps @ 75 deg F	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	Specific test data for the substance or mixture is not available
% Solids	61.0% - 66.0%

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:

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

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.

Information on toxicological effects:

Symptoms Specific test data for the substance or mixture is not available.

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

Sensitization No information available.

Mutagenic Effects Specific test data for the substance or mixture is not available.

Carcinogenicity Contains no ingredients above reportable quantities listed as a carcinogen.

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

Persistence and Degradability:

No information available.

Bioaccumulation/ Accumulation:

No information available.

Other adverse effects:

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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

DOT: Not regulated.

IATA: Not regulated.

IMDG/IMO: Not regulated.

SECTION 15: REGULATORY INFORMATION

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

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

U.S. – CAA (Clean Air Act) – 1990 Hazardous Air Pollutants

This product contains the following substances which are listed hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act: None present above 0.1%

Components	Weight %	HAPS data
Methyl methacrylate 80-62-6	<0.1%	Present
1,2-Dichloroethane 107-06-2	<0.1%	Present
Styrene 100-42-5	<0.1%	Present
Acetaldehyde 75-07-0	<0.1%	Present
1,4-Dioxane 123-91-1	<0.1%	Present
Ethylene oxide 75-21-8	<0.1%	Present

U.S. State Regulations

California Proposition 65

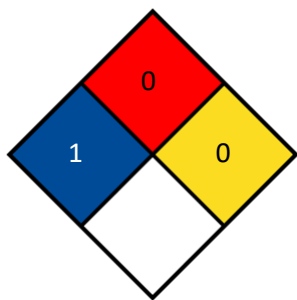
Based on information from material suppliers and process knowledge, this product is not known to contain any Proposition 65 chemicals listed substances at or above 0.1 weight percent. Please contact the Regulatory Department if additional information is required.

U.S. EPA Label Information

SECTION 16: OTHER INFORMATION

NFPA Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards –

HMIS Health Hazard 1 Flammability 0 Physical Hazards 0 Personal Precautions X



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.