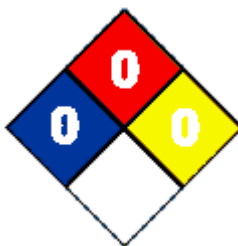



Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>0</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Issuing Date 19-Feb-2007

Revision Date 19-Feb-2007

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Glitter Glue

Recommended Uses Glue

Supplier Address

Horizon Group USA, Inc.
76 Stirling Road
Suite 1010, Warren, NJ, 07059
US
Phone:908-810-1111
Fax:908-822-2765
Contact:Connie Greene
Contact Phone:908-810-1111
Emergency Phone: 862-216-0842

Company Emergency Phone Number 862-216-0842

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration are considered to be hazardous to health

Appearance Silver

Physical State Liquid, Viscous liquid.

Odor No information available

Potential Health Effects

Principle Routes of Exposure

Inhalation, Skin contact, Eye contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

No known effect based on information supplied

Inhalation

No known effect based on information supplied

Ingestion	No known effect based on information supplied
Chronic Effects	No known effect based on information supplied
Aggravated Medical Conditions	None known
Environmental Hazard	See Section 12 for additional Ecological information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	60 - 100
Polyvinyl alcohol	9002-89-5	10 - 30
Glycerol	56-81-5	1 - 5
Aluminum foil	7429-90-5	1 - 5
Thermoset polymer (PROVISIONAL)	P-99-1178	0.1 - 1
Sodium carboxymethyl cellulose	9004-32-4	0.1 - 1
Ethylene glycol bis(semiformal)	3586-55-8	< 0.1
5-Chloro-2-methyl-3-isothiazolone	26172-55-4	< 0.1
2-Methyl-3-isothiazolone	2682-20-4	< 0.1

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Skin Contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash Point	Not applicable
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Uniform Fire Code	• Other Health Hazard: Target Organ Toxin--Liquid
Hazardous Combustion Products	Carbon monoxide, Carbon dioxide (CO2).
Explosion Data	
Sensitivity to mechanical impact	Not sensitive
Sensitivity to static discharge	Not sensitive

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

NFPA **Health Hazard** 0 **Flammability** 0 **Stability** 0 **Physical and Chemical Hazards** -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin, eyes and clothing.

Methods for Containment Prevent further leakage or spillage if safe to do so

Methods for Cleaning Up Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

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

Storage Keep containers tightly closed in a dry, cool and well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³	
Aluminum foil	TWA: 10 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³	

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection
Skin and Body protection
Respiratory Protection

No special protective equipment required

Protective gloves.

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 Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Silver	Odor	No information available
Odor Threshold	No information available	Physical State	Liquid, Viscous liquid
pH	UNKNOWN		
Flash Point	Not applicable	Autoignition Temperature	Not applicable
Decomposition Temperature	No data available	Boiling Point/Range	No data available
Melting Point/Range	No data available		
Flammability Limits in Air	No data available	Explosion Limits	No data available
Specific Gravity	No data available	Water Solubility	Soluble in water
Solubility	No data available	Evaporation Rate	No data available
Vapor Pressure	No data available	Vapor Density	No data available
VOC Content	4.3%	Partition Coefficient (n-octanol/water)	

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	Do not freeze.
Incompatible Products	Incompatible with strong acids and bases.
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Formaldehyde.
Hazardous Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Polyvinyl alcohol	20 g/kg (Rat)		
Glycerol	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h
Sodium carboxymethyl cellulose	27000 mg/kg (Rat)	2 g/kg (Rabbit)	5800 mg/m ³ (Rat) 4 h
5-Chloro-2-methyl-3-isothiazolone	481 mg/kg (Rat)	1008 mg/kg (Rat)	1.23 mg/L (Rat) 4 h

Chronic Toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product
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Reproductive Toxicity This product does not contain any known or suspected reproductive hazards

Target Organ Effects Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Glycerol		LC50= 50 mg/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
5-Chloro-2-methyl-3-isothiazolone	EC50 = 0.31 mg/L 120 h	LC50= 1.6 mg/L Oncorhynchus mykiss 96 h	EC50 = 5.7 mg/L 16 h	EC50 = 4.71 mg/L 48 h

Chemical Name	Log Pow
Glycerol	-1.76

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

Contaminated Packaging Dispose of in accordance with local regulations

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste Status
Aluminum foil	Ignitable (powder)

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Does not Comply
DSL	Does not Comply
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
CHINA	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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 Name	CAS-No	Weight %	SARA 313 - Threshold Values
Aluminum foil	7429-90-5	1 - 5	1.0

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:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerol	56-81-5	1 - 5		Group II		
Aluminum foil	7429-90-5	1 - 5				

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Aluminum foil		

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum foil	X	X	X		X

International Regulations**Mexico - Grade** Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Aluminum foil		Mexico: TWA= 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

Issuing Date 19-Feb-2007
Revision Date 19-Feb-2007
Revision Note No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS