SAFETY DATA SHEET

DATE OF ISSUE : SEP 11, 2015

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION
AND OF THE COMPANY / UNDERTAKING

1.1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT NAME.....: Glue Stick
FORMULA............: Not applicable (mixture)
CAS #: AND NAME.....: Not applicable (mixture)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name CAS
Water 7732-18-5
Poly(vinyl alcohol) 9002-89-5
Glycerine 56-81-5
Stearic acid 57-11-4
Sodium hydroxide 1310-73-2
Hydrochloric acid 7647-01-0
Propylparaben 94-13-3

3. HAZARDS IDENTIFICATION

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
EMERGENCY OVERVIEW
Color: white
Physical Form: solid
Odor: mild odor

Major Health Hazards: No significant target effects reported.

POTENTIAL HEALTH EFFECTS

Inhalation
Short Term: no information on significant adverse effects Long Term: no
Skin
Short Term: no information on significant adverse effects Long Term: no
Reactivity
Short Term: no information on significant adverse effects Long Term: no
Eye
Short Term: no information on significant adverse effects Long Term: no
Ingestion
Short Term: no information on significant adverse effects Long Term: no

Regulatory Status

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This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

4. FIRST AID MEASURES

Inhalation
If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin
If bonding occurs, immerse the bonded surfaces in warm soapy water. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention, if needed.

Eyes
If bonding to tissues occurs, wash with large amounts of warm water. Cover both eyes with sterile bandages. The eye will open without further action. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention.

Ingestion
If a large amount is swallowed, get medical attention.

5. FIRE-FIGHTING MEASURES

See Section 9 for Flammability Properties
Flammable Properties
Slight fire hazard.
Extinguishing Media
carbon dioxide, regular dry chemical, regular foam, water
Protective Equipment and Precautions for Firefighters
Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Fire Fighting Measures
Move container from fire area if it can be done without risk.
Avoid inhalation of material or combustion byproducts. Stay upwind and keep out of low areas.

Hazardous Combustion Products
Combustion: oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Occupational spill/release
Collect spilled material in appropriate container for disposal.

7. HANDLING AND STORAGE

Handling Procedures
Wash thoroughly after handling.
Storage Procedures
Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

B. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits
ACGIH, NIOSH, OSHA, and AIHA have not developed exposure limits for any of this product's components.

Ventilation
Based on available information, additional ventilation is not required.

Eye Protection
Eye protection not required under normal conditions.

Protective Clothing
Protective clothing is not required under normal conditions.

Glove Recommendations
Protective gloves are not required under normal conditions.

Respiratory Protection
No respirator is required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES
Physical State: Solid
Appearance: white, solid
Color: white
Physical Form: solid
Odor: mild
Odor Threshold: Not available
pH: 10.2-10.7
Melting/Freezing Point: 0 °C
Boiling Point: 100 °C
Flash Point: Not available
Evaporation Rate: Not available
Vapor Pressure: Not available
Vapor Density (air = 1): Not applicable
Density: 8.33 lbs/gal
Specific Gravity (water = 1): 1.0
Water Solubility: miscible
Coef. Water/Oil Dist: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY

Chemical Stability
Stable at normal temperatures and pressure.

Conditions to Avoid
Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Materials to Avoid
oxidizing materials

Hazardous Decomposition
Combustion: oxides of carbon

Possibility of Hazardous Reactions: Will not polymerize
11. TOXICOLOGICAL INFORMATION

Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and no selected endpoints have been identified.

RTECS Acute Toxicity (selected)
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, OSHA, or NTP.

RTECS Irritation
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Medical Conditions Aggravated by Exposure
None known.

Tumorigenic
No data available for the mixture.

Mutagenic
No data available for the mixture.

Reproductive Effects
No data available for the mixture.

12. ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity
No LOLI ecotoxicity data are available for this product's components.

13. DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose in accordance with all applicable regulations.

Component Waste Numbers
The U.S. EPA has not published waste numbers for this product's components.

14. TRANSPORT INFORMATION

US DOT Information
No Classification assigned.

TDG Information
No Classification assigned.

15. REGULATORY INFORMATION

U.S. Federal Regulations
None of this product's components are listed under SARA Sections

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302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.
SARA 311/312
Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No
U.S. State Regulations
None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.
Not regulated under California Proposition 65
U.S. Inventory (TSCA)
All the components of this substance are listed on or are exempt from the inventory.
Component Analysis - Inventory
No information available

16. OTHER INFORMATION

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLE - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical
Substances? SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States
Other Information
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