

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)

1.2. COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBER-NATIONAL POISON CONTROL CENTER: 1-800-222-1222

=====

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
 information on significant adverse effects Skin

Short Term: no information on significant adverse effects Long Term: no
 information on significant adverse effects

Eye

Short Term: no information on significant adverse effects Long Term: no
 information on significant adverse effects

Ingestion

Short Term: no information on significant adverse effects Long Term: no
 information on significant adverse effects

Regulatory Status

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.

=====
==
8. 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.

PERSONAL PROTECTIVE EQUIPMENT Eyes/Face

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 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 applicable

Vapor Density (air = 1): Not applicable Density: 8.33 lbs/gal

Specific Gravity (water = 1) 1.0 Water Solubility: miscible

Coeff. Water/Oil Dist: Not available Viscosity: Not available

Volatility: 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 products components are listed under SARA Sections
Page 4 of 6

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; LOLI - 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

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

=====
==

Copyright 2015

The information herein is given in good faith and to the best of our knowledge but no warranty, express or implies, is made.