

**1. IDENTIFICATION**

**Product Identifier**

**Product Name** GIA1051

**Other means of identification**

**Product Code(s)** GIA1051  
**Product Type** Hot Melt Adhesive

**Recommended use of the chemical and restrictions on use**

**Recommended Use** For industrial use only  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**

Glue Machinery Corporation  
 4234 Boston Street  
 Baltimore, MD 21224

**Emergency telephone number**

**Company Phone Number** 888-202-2468  
**Emergency Contact Number** Chem-Tel 1-888-255-3924

**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**

<b>Signal Word</b> Warning		
<b>Hazard Statements</b> None		
<b>Appearance</b> Glue sticks chips or pellets	<b>Physical State</b> Solid	<b>Odor</b> Slight resinous

**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 the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Precautionary Statements - Storage**

Store in a dry place

### Precautionary Statements - Disposal

Dispose of in accordance with federal, state and local regulations

### Hazards not otherwise classified (HNOC)

Contact with product at elevated temperatures can result in thermal burns

Avoid breathing vapors or fumes from hot material

Vapors may be irritating to eyes, nose, throat, and lungs

Upon sufficient heating of this product, paraffin wax fumes may be generated, which may be considered an irritant. See section 8 of the SDS for exposure levels.

### Other Information

Unknown acute toxicity

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

#### Synonyms

Hot Melt Adhesive.

Components	CAS No.	Weight-%	Trade Secret
Resin acids and rosin acids, esters with pentaerythritol	8050-26-8	30-60	*
Paraffin waxes and Hydrocarbon waxes	8002-74-2	1-5%	*

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

## 4. FIRST AID MEASURES

### Description of first aid measures

#### Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact with molten substance may cause severe burns to skin and eyes. After contact with molten product, cool skin area rapidly with cold water. Call a physician immediately.

#### Skin Contact

Wash skin with soap and water. Contact with molten material may cause severe burns. Immediately cool affected skin as long as possible with cold water. Do not remove clothing if adhering to skin. Removal of solidified molten material from skin requires medical assistance. Seek immediate medical attention/advice.

#### Inhalation

Remove to fresh air.

#### 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.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use, Foam, Dry chemical or CO2

### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

### Specific Hazards Arising from the Chemical

Prevent fire extinguishing water from contaminating surface water or the ground water system.

### 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.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Ensure adequate ventilation. Use personal protection equipment. Avoid dust formation. 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

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Cleaning Up** Prevent environmental discharge consistent with regulatory requirements. Use non-sparking tools. Pick up and transfer to properly labeled containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Use personal protection equipment. Avoid contact with eyes, skin and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep only in the original container at a temperature not exceeding .? °C. Keep container tightly closed. Store in accordance with local regulations. Store in a dry place.

**Incompatible Products** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m <sup>3</sup>	(vacated) TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	-

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Avoid contact with eyes. Eye protection.

**Skin and Body Protection** Wear protective gloves/protective 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. Take off contaminated clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Odor</b>	Slight resinous
<b>Appearance</b>	Glue sticks chips or pellets	<b>Odor Threshold</b>	No data available
<b>Color</b>	Light amber		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Specific test data for the substance or mixture is not available		
<b>Melting point / freezing point</b>	No information available		
<b>Boiling Point / Boiling Range</b>	Specific test data for the substance or mixture is not available		
<b>Flash Point</b>	Specific test data for the substance or mixture is not available		
<b>Evaporation Rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper Explosive Limits</b>	Specific test data for the substance or mixture is not available		
<b>Lower Explosive Limits</b>	Specific test data for the substance or mixture is not available		
<b>Vapor pressure</b>	Negligible		
<b>Vapor Density</b>	Specific test data for the substance or mixture is not available		
<b>Specific Gravity</b>	<1.0		
<b>Water Solubility</b>	Immiscible in water		
<b>Solubility in other solvents</b>	Specific test data for the substance or mixture is not available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition Temperature</b>			
<b>Decomposition Temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	Specific test data for the substance or mixture is not available		
<b>Explosive Properties</b>	No information available		
<b>Oxidizing Properties</b>	No information available		

### Other Information

<b>Softening Point</b>	166 °F
<b>Solids</b>	100%

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Excessive heat.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.

**Skin Contact**

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. May cause irritation.

**Ingestion**

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

Components	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin waxes and Hydrocarbon waxes 8002-74-2	> 3750 mg/kg ( Rat )	> 3600 mg/kg ( Rabbit )	-

**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**

None known.

**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**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 76,596.00

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

4.835005 % 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

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal Methods**

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

**Contaminated Packaging**

Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

**DOT**

Not regulated.

**IATA**

Not regulated.

**IMDG/IMO**

Not regulated.

## 15. REGULATORY INFORMATION

**TSCA 8(b)** All components are listed or exempt  
**DSL** All components are listed or exempt

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US 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 Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

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

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

#### CWA (Clean Water Act)

See information supplied by the manufacturer

#### CERCLA

See information supplied by the manufacturer

### US 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

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

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

**Revision Date** 07-Mar-2017

**Revision Note**  
No information available

#### Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, and transportation.

**End of SDS**