

Revision Date 22-Jun-2015

Revision Number 2

1. IDENTIFICATION

Product Identifier

Product Name GIA1041

Other means of identification

Product Code(s) GIA1041
Product Type Hot Melt Adhesive

Recommended use of the chemical and restrictions on use

Recommended Use Adhesives.
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Glue Machinery Corporation
4234 Boston Street
Baltimore, Maryland 21224

Emergency telephone number

Company Phone Number 1-888-202-2468
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

Appearance Glue sticks chips or pellets **Physical State** Solid **Odor** Slight resinous

Precautionary Statements - Prevention

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

Precautionary Statements - Response

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

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 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 |
|------------|-------------|----------|--------------|
| Paraffin | Proprietary | 20 - 30% | * |

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

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Contact with molten material: Cool with cold water immediately. Do not remove adhesive.

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

Move to fresh air.

Ingestion

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

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 protective equipment. Avoid dust formation. Use NIOSH/MSHA approved respirators if OSHA PEL is exceeded. Use impervious glove and body-covering clothing. Use side-shielded safety glasses or goggles.

Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Cleaning Up Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment should be avoided. Use non-sparking tools and equipment. Pick up and transfer to properly labeled containers. Dispose of according to local and regional authority requirements.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

Conditions for safe storage, including any incompatibilities

Storage Store in a dry, air conditioned place below 80F. Keep container tightly closed. Store in accordance with local regulations. Store in original container.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Components | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------|--------------------------|------------------------------------|--------------------------|
| Paraffin | TWA: 2 mg/m ³ | (vacated) TWA: 2 mg/m ³ | TWA: 2 mg/m ³ |

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/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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|------------------------------|-----------------------|-----------------|
| Physical State | Solid | Odor | Slight resinous |
| Appearance | Glue sticks chips or pellets | Odor Threshold | Not available |
| Color | White | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-------------------------------------|-------------------------|
| pH | No information available on mixture | |
| Melting point/freezing point | | |
| Boiling Point/Range | No information available on mixture | |
| Flash Point | No information available on mixture | |
| Evaporation Rate | No information available | |
| Flammability (solid, gas) | No information available | |
| Flammability Limit in Air | | |
| Upper explosive (flammability) limit: | No information available on mixture | |
| Lower explosive (flammability) limit: | No information available on mixture | |
| Vapor pressure | Negligible | |
| Vapor Density | No information available on mixture | |
| Specific Gravity | <1.0 | |
| Water Solubility | Immiscible in water | |
| Solubility in other solvents | No information available on mixture | |
| Partition coefficient | No information available | |
| Autoignition Temperature | | |
| Decomposition Temperature | No information available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No information available on mixture | |
| Explosive Properties | No information available | |
| Oxidizing Properties | No information available | |

Other Information

| | |
|------------------------|-------------------------------------|
| Softening Point | No information available on mixture |
| % VOC | No VOC |
| % Solids | 100 |
| Density | No information available |

10. STABILITY AND REACTIVITY

Reactivity

Not 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 monoxide (CO). Carbon dioxide (CO₂).

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

Ingestion

May be harmful if swallowed.

| Components | LD50 Oral | Dermal LD50 | Inhalation LC50: |
|------------|----------------------|-------------------------|------------------|
| Paraffin | > 3750 mg/kg (Rat) | > 3600 mg/kg (Rabbit) | - |

Information on toxicological effects**Symptoms** No information available on mixture.**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Sensitization May cause sensitization of susceptible persons.
Mutagenic Effects No information available on specific mixture.
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 (oral) 15,000.00**ATEmix (dermal)** 14,400.00**12. ECOLOGICAL INFORMATION****Ecotoxicity**

25.09% of the mixture consists of components(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****Waste Disposal Method** Dispose of in accordance with federal, state and local regulations.**Contaminated Packaging** Do not re-use empty containers.**14. TRANSPORT INFORMATION****DOT** Not regulated**IATA** Not regulated**IMDG/IMO** Not regulated

15. REGULATORY INFORMATION

International Inventories

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
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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 Code of 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 |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not available

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

| | | | | |
|---------------------|------------------------|-----------------------|---------------------------|--|
| NFPA | Health Hazard 1 | Flammability 0 | Instability 0 | Physical and Chemical Hazards - |
| HMIS / WHMIS | Health Hazard 1 | Flammability 0 | Physical Hazards 0 | Personal Precautions X |

Revision Date 22-Jun-2015

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