

Revision Date 29-Mar-2016

Revision Number 4

1. IDENTIFICATION

Product Identifier

Product Name GIA1048

Other means of identification

Product Code(s) GIA1048

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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

Signal Word Warning

Hazard Statements

None



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 - 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 |
|------------|-------------|----------|--------------|
| Paraffin | Proprietary | 15-30 | * |

*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

None under normal use. 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.

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 | AIHA - WEEL |
|------------|--------------------------|------------------------------------|--------------------------|-------------|
| 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

| | | | |
|-------------------|------------------------------|-----------------------|-------------------|
| Appearance | Glue sticks chips or pellets | Odor | Slight resinous |
| Color | Amber | Odor Threshold | No data available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-------------------------------------|-------------------------|
| pH | No information available on mixture | |
| Melting point/freezing point | No information available | |
| 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 | 158 °F |
| % Solids | 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 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 | Not an expected route of exposure. 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 None known.
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) 14,822.00
ATEmix (dermal) 14,229.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

25.345% 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

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

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/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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 Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

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

Clean Water Act

See information supplied by the manufacturer

CERCLA

See information supplied by the manufacturer

U.S. 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

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

Prepared By
Revision Date
Revision Note

Verified by Quality Control Department
29-Mar-2016

No information available

Disclaimer

The information provided in this Material 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, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of SDS