

# PRODUCT SAFETY DATA SHEET

## \*\*\* Section 1 - Product and Company Identification \*\*\*

### Manufacturer Information

Stanley Black & Decker Phone: 1-860-225-5111  
1000 Stanley Drive  
New Britain, CT 06053

**Product Class: Thermoplastic Adhesive (Hot Melt)**

**Catalog Number(s): GS230, STHT70430, GS230-24**

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

Not considered dangerous as manufactured.

### Potential Health Effects: Eyes

Exposure may cause eye irritation or burns.

### Potential Health Effects: Skin

Exposure may cause skin irritation or burns.

### Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal product use and handling conditions.

### Potential Health Effects: Inhalation

None anticipated under normal product use and handling conditions. Never inhale fumes from hot glue

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

### Chemical characteristics of substance:

Ethylene, Vinyl Acetate, Petroleum Resin

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Flush eyes with water while holding the eyelids open. Seek immediate medical care.

### First Aid: Skin

Cool skin quickly using cold water after contact with melted glue. Do not scrape the glue off skin. Seek medical attention.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### Extinguishing Media

Carbon dioxide (CO2), dry powder, foam, water

### Fire Fighting Equipment/Instructions

In case of fire, firefighters should wear a self contained breathing apparatus.

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain material, if this is without risk.

### Clean-Up Procedures

Collect and place material into appropriate container for disposal.

### Special Procedures

Avoid skin contact with the material.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

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None in normal handling conditions. Solid very difficult to burn.

## Storage Conditions/Procedures

None

## Incompatible Products:

None

## Packaging:

None

### \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

#### Component Exposure Limits

Lung Dust: TWA = 5 mg/m<sup>3</sup> (1987)

Vinyl Acetate: TWA = 10 mL/m<sup>3</sup> = 30 mg/m<sup>3</sup> (1987)

#### PERSONAL PROTECTIVE EQUIPMENT

##### Personal Protective Equipment: Eyes/Face

Safety goggles.

##### Personal Protective Equipment: Skin

Protective gloves where risk of skin contact.

##### Personal Protective Equipment: General

Never inhale fumes from hot glue.

### \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

|  |       |  |                   |
|--|-------|--|-------------------|
| <b>Appearance/Form:</b>                | Solid | <b>Odor:</b>                           | Ester             |
| <b>Physical State:</b>                 | Solid | <b>pH:</b>                             | NA                |
| <b>Vapor Pressure:</b>                 | NA    | <b>Vapor Density:</b>                  | NA                |
| <b>Boiling Point:</b>                  | NA    | <b>Melting Point:</b>                  | 198 deg F         |
| <b>Solubility (H<sub>2</sub>O):</b>    | NA    | <b>Specific Gravity:</b>               | 0.95              |
| <b>Evaporation Rate:</b>               | NA    | <b>VOC:</b>                            | NA                |
| <b>Octanol/H<sub>2</sub>O Coeff.:</b>  | NA    | <b>Flash Point:</b>                    | NA                |
| <b>Flash Point Method:</b>             | NA    | <b>Upper Flammability Limit (UFL):</b> | NA                |
| <b>Lower Flammability Limit (LFL):</b> | NA    | <b>Burning Rate:</b>                   | NA                |
| <b>Auto Ignition:</b>                  | NA    | <b>Decomposition Temperature:</b>      | Approx. 500 deg F |

### \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

#### Chemical Stability: Conditions to Avoid

Strong Oxidizing Agents

#### Incompatibility

Not Available.

#### Hazardous Decomposition

Thermal decomposition or combustion may produce carbon monoxide and/or carbon dioxide.

#### Possibility of Hazardous Reactions

Not Available.

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute Dose Effects:

No information available.

#### Local Effects:

No information available.

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## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

No information available.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### Disposal Instructions

Like most hot melt glues, the glue can be recycled. Whenever possible, recycling is preferable to disposal or incineration. Can be disposed at disposal sites or incinerated if local regulations permit. Dispose of in accordance with local, state and country regulations.

**Contaminated packaging:** Plastic or cardboard boxes can be sent to local recycling companies.

## \*\*\* Section 14 - Transportation Information \*\*\*

This product is considered a non-dangerous product for transport. The information contained in this SDS has been drawn up on the basis of our knowledge at the date of publication. This information is provided for guidance only to provide safe conditions for handling, manufacturing, storage, transport, distribution, preparation, use and disposal and should not be interpreted as a guarantee or considered to be quality specifications. This information applies to the product specifically named, and unless otherwise stated is not applicable if product is mixed with other substances or used for other manufacturing processes.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### General Product Information

No additional information available.

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial and local laws.

### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry, WHMIS = Workplace Hazardous Materials Information System (Canada)