

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 01 of 05

HYSOL 1942 S.STICK 10" 5 OZ BG
83273

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: HYSOL 1942 S.STICK 10" 5 OZ BG
Item No.: 83273
Product Type: EVA Hot Melt Adhesive

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Proprietary Resin Compound	Proprietary	100

NJ TSRN 06-070-1067-5309

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
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Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
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3. HAZARDS IDENTIFICATION

Toxicity: Not applicable
Primary Routes of Entry: Skin/Eyes: Hot molten material can cause severe burns. Solid adhesive has no hazards.

Molten adhesive in eye can cause permanent eye damage.

Molten adhesive can cause temporary or permanent injury to skin.

Inhalation:
Continuous breathing of vapors above molten adhesive may irritate mucous membranes.

Ingestion:
Unlikely to be hazardous.
No chronic effects have been reported from normal use.

Minimal Hazards at ambient temperatures:
(-18 to +38 deg.C; 0-100 F)

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MATERIAL SAFETY DATA SHEET

Page 02 of 05

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Item No.: 83273

3. HAZARDS IDENTIFICATION

(continued)

Signs and Symptoms
of Exposure: see above
Existing Conditions
Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Proprietary Resin Compound	No Data	NO NO NO

4. FIRST AID MEASURES

Ingestion: No specific treatment-do not ingest
First aid is normally not required.

Inhalation: Avoid breathing fumes from molten materials. If
affected, remove patient to open air. Administer
artificial respiration if breathing is stopped.
Keep at rest. Call for prompt medical attention.

Skin Contact: Thermal burn hazard. Cover burn area with ice or
large amounts of cold water to dissipate heat..
Do not peel hot melt from skin. Cover with clean
cotton sheeting or gauze and get prompt medical
attention.

No attempt should be made to remove material from
skin or to remove contaminated clothing as the
damaged flesh can be easily torn.

Eye Contact: Serious burn hazard if molten material splashes
into eyes. Cool area with ice or cold water.
Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 450°F

Recommended
Extinguishing Agents: Use water spray to cool fire exposed surfaces,
protect personnel, and extinguish the fire.
Respiratory and eye protection required for fire
fighting personnel.

Special Firefighting
Procedures: None

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MATERIAL SAFETY DATA SHEET

Page 03 of 05

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Item No.: 83273

5. FIRE FIGHTING MEASURES

(continued)

Hazardous Products formed
by Fire or Thermal Decomp Carbon monoxide, carbon dioxide, smoke
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower Not available
(% by volume in air)Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Eliminate sources of ignition. Prevent additional
discharge of material, if possible to do so
without hazard. For small spills implement cleanup
procedures. Cool hot material with water, scrape
up hardened material and package for disposal in
accordance with local, state, and federal laws.

7. HANDLING AND STORAGE

Safe Storage: Keep containers tightly closed and in a cool dry
place. Prolonged over-heating may cause
degradation of product. Manufacturers suggested
application temperature should be followed.
Do not put damp or wet hot melt into melt tank.
Always be careful around hot molten material.
Store at ambient temperatures, below 100 F

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: See above

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety goggles or a safety shield strongly
recommended when working with or around molten
material.

Skin: Insulated gloves and long sleeved clothing are
strongly recommended when working around molten
material.

Ventilation: Use in a well ventilated area.

Respiratory Use a NIOSH approved respirator if ventilation is
not sufficient and vapors or mists are generated.

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MATERIAL SAFETY DATA SHEET

Page 04 of 05

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

(continued)

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber solid
Odor: Slight resinous odor
Boiling Point: Does Not Apply
Melting Point 200 Degrees F
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity 1.00
Volatile Organic Compound
(EPA Method 24) Solid
Vapor Pressure: Solid
Vapor Density: Does Not Apply
Evaporation Rate
(Ether = 1) Does Not Apply

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Avoid heating above 400 Degrees F
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): Heating above normal operating temperatures will
produce Carbon monoxide, carbon dioxide, and smoke

11. TOXICOLOGICAL INFORMATION

See Section 8, Respiratory Controls

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Dispose of by landfill according to state and
local regulations.
EPA Hazardous Waste
Number Not a hazardous waste

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MATERIAL SAFETY DATA SHEET

Page 05 of 05

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14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Not regulated
Hazard Class or
Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: Not available

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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