



Health	1
Flammability	1
Reactivity	0
PPE	X

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product H263230
MSDS Name THERMOGRIP 6323-4
CAS # Mixture
Generic Description EVA Based Hot Melt Adhesive
Manufacturer BOSTIK FINDLEY, INC.
 211 Boston Street
 Middleton , MA 01949 USA

24 Hour Emergency Assistance
 Phone: 1-800-227-0332

General Assistance
 Phone: 1-978-777-0100

MSDS Assistance
 Phone: 1-978-777-0100

2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
COMPOUND 5087-137 LB	0-00-0	12.2807
Bisphenol A-Ech Epoxy Resin	25068-38-6	3 - 9
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes. Contact with molten material will cause thermal burns. Primary Routes of Exposure: eyes, skin, and inhalation.

POTENTIAL HEALTH EFFECTS

Skin Contact: Molten material will produce burns to skin areas.

Eye Contact: May cause irritation with temporary redness with stinging and tearing.

Inhalation: Inhalation of hot mist may cause respiratory irritation.

Ingestion: Exposure is unlikely. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

This product contains paraffin wax (CAS# 8002-74-2). Upon application of heat during use of this product in molten form, paraffin wax fume may be generated. American Conference of Governmental Industrial Hygienists (ACGIH) recommends a TLV of 2 mg/cu.m for paraffin wax fume. See Section 8 for recommended ventilation. Under normal conditions, paraffin wax fume generation should present no significant health hazard.

TARGET ORGANS

None known for product as a whole.

4 FIRST AID MEASURES

SKIN

If burned by contact with molten material, cool as quickly as possible with water. Do not remove material from skin. Keep affected area covered with cold, clean, wet compresses. Get medical attention immediately. See Notes to Physician.

EYE

If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately. See Notes to Physician.

INHALATION

Remove to fresh air. Get medical attention if cough or other symptoms develop.

INGESTION

No harmful effect is anticipated. If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

NOTES TO PHYSICIAN

Burns should be treated as thermal burns. The material will come off as healing occurs, therefore, immediate removal from skin is not necessary.

5 FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS

Decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced during combustion.

EXTINGUISHING MEDIA

Use dry chemical, carbon dioxide, or foam. Do not use water on molten adhesive to avoid splattering and spreading of fire.

DUST EXPLOSION HAZARD

None Known

SENSITIVITY TO MECHANICAL IMPACT

None Known

SENSITIVITY TO STATIC DISCHARGE

None Known

UNUSUAL FIRE & EXPLOSION HAZARDS

None.

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS

Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point > 400 F (> 204 C)

6 ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION

Appropriate safety measures and protective equipment should be used. See Section 8. Dispose of as solid waste in compliance with local, state, and federal regulations.

CONTAINMENT

Isolate spill area. Stop discharge if safe to do so. Pellet or chip spill: Collect and contain for salvage or disposal. Molten adhesive spill: Placard hot material, allow to cool and remove. Pick-et® spill: Pick-ets® spilled on floor may cause slippery conditions. Collect and contain for salvage or disposal.

7 HANDLING & STORAGE

For Commercial Use Only - Not Packaged or Labeled for Home Use!

HANDLING

Avoid contact with molten material. Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before re-use.

STORAGE

Store in a clean, dry area. Keep containers closed.

EMPTY CONTAINER PRECAUTION

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Local exhaust ventilation is recommended when vapors, mists, or dusts can be released.

EYE PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Wear goggles or safety glasses with side shields when filling hopper or pot.

SKIN PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

For molten material, use any type of rubber thermal insulating gloves and other clothing, such as sleeve protectors, as necessary to protect from thermal burns when filling hopper or pot.

RESPIRATORY PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

GENERAL

Eye wash fountain and emergency showers are recommended.

9 PHYSICAL & CHEMICAL PROPERTIES

Target Solids	100 %
pH	N/A

Density	0.99 g/cc
Odor Threshold	N/A
Octanol/Water Coefficient	N/A
Odor	Slight
Color	Amber
Physical State	Solid
Freeze Protect	No

10 STABILITY & REACTIVITY

STABILITY/INCOMPATIBILITY

Stable under normal conditions. Avoid water sensitive materials such as acids or alkalis or sodium and other metallic hydrides.

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS

If product is burned carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Do not add water or other volatile material to molten adhesive. Avoid excessive overheating.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

No data available for this product.

LD50

NIOSH - Selected LD50s and LC50s

REACTION PRODUCT: BISPHENOL 25068-38-6 SL6475000:Phenol, 4,4"-isopropylidenedi-, poly
A-(EPICHLOROHYDRIN); EPOXY 1-chloro-2,3-epoxypropane (10/1/97); Oral LD50
RESI 11400 mg/kg; Oral LD50 Mouse : 15600 mg/kg

CARCINOGENICITY

No regulated ingredients.

12 ECOLOGICAL INFORMATION

Bostik Findley's hot melt adhesives are manufactured without the intentional use of volatile organic compounds and/or hazardous air pollutants regulated by the EPA in the Clean Air Act Amendment of 1990.

ECOTOXICOLOGICAL INFORMATION

No data available for this product.

13 DISPOSAL CONSIDERATIONS

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

WASTE DISPOSAL

This product as supplied is not considered a hazardous waste under RCRA. Dispose of in compliance with all local, state, and federal regulations. Recommended disposal method is incineration.

14 TRANSPORT INFORMATION

Proper Shipping Name	Non-Regulated
Hazard Class	Not Applicable
UN/NA Code	Not Applicable
Packing Group	Not Applicable
DOT Restrictions	Not Applicable
IATA Restrictions	Not Applicable

15 REGULATORY INFORMATION

All components are on the U.S. EPA TSCA Inventory List.

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

STATE REGULATIONS

Based on an evaluation of the components used, this product does not contain any ingredients listed on the California Proposition 65 list.

INTERNATIONAL REGULATIONS

All components are included on the Canadian Domestic Substances List (DSL).

This is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

16 OTHER INFORMATION

DISCLAIMER

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik Findley, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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Prepared By Russell Hardenber