

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation	H026415
MSDS name	THERMOGRIP 6370-15 25LB CTN
CAS #	Mixture
Product use	Hot Melt Adhesive
Generic description	EVA Based Formulation
Revision date	24-JAN-2010
Manufacturer information	Bostik Nederland B.V. Zeggeveld #10 4705 RP Roosendaal The Netherlands
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2. HAZARDS IDENTIFICATION

Emergency overview	Contact with this material can cause irritation to the skin, eyes and mucous membranes. Contact with molten material will cause thermal burns.
Potential health effects	
Eyes	HOT MOLTEN material can cause irreversible eye injury and burns. Contact with SOLID material may cause irritation with temporary redness with stinging and tearing.
Skin	When it is heated, this material may cause thermal burns.
Inhalation	Inhalation of mist causes irritation of respiratory system.
Ingestion	Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance. Molten material will produce burns to the gastrointestinal tract.
Fire and explosion	This product will not ignite under normal situations but can be ignited in the extreme heat associated with a fire. Vapors are lighter than air and should rise, accumulating in overhangs and ceilings. In a fire situation, exposed containers may build up pressure and burst explosively spewing hot material. Irritating and potentially harmful vapors may be released in a fire or spill situation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any hazardous components as per Directive 1999/45/EC.

Component information For the full text of applicable R phrases see Section 16.

4. FIRST AID MEASURES

Eye contact	If hot product contacts eye, flush with water for at least 15 minutes and seek medical attention immediately.
Skin contact	If hot product contacts skin, cool under running water and get medical attention. Cool melted product on skin with plenty of water. Do not remove solidified product.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, get medical attention.
Ingestion	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.
Medical conditions aggravated by exposure	Not available

5. FIRE-FIGHTING MEASURES

Fire fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Suitable extinguishing media	Dry chemical, foam, carbon dioxide. A solid stream of water may scatter molten product.

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Unusual fire & explosion hazards

This product will not ignite under normal situations but can be ignited in the extreme heat associated with a fire. Vapors are lighter than air and should rise, accumulating in overhangs and ceilings. In a fire situation, exposed containers may build up pressure and burst explosively spewing hot material. Irritating and potentially harmful vapors may be released in a fire or spill situation.

Hazardous combustion products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

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. Collect and contain for salvage or disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Avoid contact with molten material. Wash thoroughly after handling. Avoid breathing fumes if this product is used at high temperatures. Use this product with adequate ventilation.

Storage

Keep the container tightly closed and dry.

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 measures to reduce exposure

Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.

Personal protective equipment

Eye protection

Wear safety glasses; chemical goggles for fumes which may arise from thermal processing. Wear chemical goggles; face shield (if handling molten material).

Skin and body protection

Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. For molten product, use any type rubber thermal insulating gloves and other clothing as necessary to protect from thermal burns.

General

Eye wash fountain and emergency showers are recommended.

Environmental exposure controls

Do not discharge to lakes, streams, ponds, or sewers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Solid

Color

Clear

Odor

Mild

pH

N/A

Solids content

100 %

Freeze protect

No

Density

0.97 g/cc

Flash point

> 200 °F (> 93.3 °C)

10. STABILITY AND REACTIVITY

Hazardous decomposition products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Stability

Stable under normal conditions. This product may react with strong acids, bases and oxidizing agents.

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

Carcinogenicity

If this product contains any carcinogens, they will be noted below:

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available for this product.
Persistence / degradability	Not available
Bioaccumulation	Not available
Mobility	Not available.

13. DISPOSAL CONSIDERATIONS

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable national and regional provisions.

Waste from residues / unused products Dispose of waste material in accordance with National and Regional provisions.

14. TRANSPORT INFORMATION

ADR

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. REGULATORY INFORMATION

The product(s) covered by this M(SDS) do not include any of the 15 substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by ECHA on October 28, 2008 or the list of 15 substances proposed on August 31, 2009 or the list of 14 substances proposed on January 13, 2010 above a concentration of 0.1% weight by weight (w/w).

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

16. OTHER INFORMATION

Disclaimer The data in this SDS 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 SDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik, 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 National and Regional provisions.

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