



SAFETY DATA SHEET

Product :

TLH 4253/1 E

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Version: 1

Date: 20/06/2007

1 - PRODUCT AND COMPANY IDENTIFICATION.

Product name: TLH 4253/1 E
Product code: Laboratory development product.
Type of product or use: Hotmelt adhesive.
Supplier: Producer.
Name: BOSTIK SA
Address: Immeuble IRIS - F - 92062 PARIS LA DEFENSE CEDEX
12, place de l'Iris La Défense 2 - 92400 COURBEVOIE - FRANCE
Telephone: + 33 (0)1 47 96 94 65
Telefax: + 33 (0)1 47 96 96 90
Emergency telephone number(s): ORFILA (PARIS-FRANCE) : + 33 (0)1 45 42 59 59

2 - COMPOSITION/INFORMATION ON INGREDIENTS.

>> PREPARATION.

Chemical nature: Elastomer based adhesive.
Hazardous components: None.

3 - HAZARDS IDENTIFICATION.

Specific hazards: Possible thermal burns when using hot.
PRODUCT CLASSIFICATION : NOT CLASSIFIED AS DANGEROUS (Directive 1999/45/EC modified).

4 - FIRST-AID MEASURES.

. As received, at ambient temperature, this product presents no harmful effects.
Information in case of :
. IF CONTACT WITH OR SPLASHED BY MOLTEN ADHESIVE :
- Skin contact: Cool the skin immediately with cold water, treat burns according to their severity.
Consult a doctor.
Never try to remove the adhesive with a solvent.
- Eye contact: Cool the affected areas immediately with cold water.
Seek advice of an ophthalmologist.

5 - FIRE-FIGHTING MEASURES.

>> EXTINGUISHING MEDIA.

- Suitable: Foam, carbon dioxide, dry powder extinguishers.
- Not suitable: Water (risk of spreading).
Specific hazards: Possible formation of irritating fumes in case of fire.
Special protective equipment for firefighters: Wear a self contained breathing apparatus.

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6 - ACCIDENTAL RELEASE MEASURES.

Personal precautions: None for product as received.
Avoid contact with hot product.

Environmental precautions: If molten : leave to cool and harden, then collect.

Methods for cleaning-up:

- Disposal: Scrape up the floor.
Clean if necessary with an appropriate solvent.
Collect residues in a labelled container.

7 - HANDLING AND STORAGE.

>> HANDLING.

Technical measures/precautions: Wear protective clothing.

Occupational exposure prevention : Ensure adequate aeration.

Other precautions : Wear heat resistant gloves and eye/face protection (for exemple a visor).
Avoid breathing any fumes or vapours emitted.
Risk of burns if hot.

Safe handling advice : Use dry adhesive (not wet or damp).
Recommended application temperature : 150 - 180 °C.
Do not overheat the adhesive; avoid local overheating in machines.
Avoid flames or sparks near molten adhesive.

>> STORAGE.

Storage conditions :

- Recommended: Dry, cool and well ventilated place.

- To avoid: Rain and damp.
Heat (product may become soft and sticky).

>> PACKAGING MATERIAL.

- Recommended: Original packaging.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION.

Protective measures : As received : none special measure.
If hot : provide for fresh air intake and/or adequate air extraction in plants.

>> PERSONAL PROTECTION EQUIPMENT.

In case of risks of exposition:

- Hand protection: Heat resistant gloves.

- Eye protection: Protective goggles.

- Skin and body protection: Heat resistant apron.

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9 - PHYSICAL AND CHEMICAL PROPERTIES.

>> APPEARENCE.

- Physical state: Solid at 20°C.
- Form: Blocks.
- Colour: Light yellow.
- >> pH : Not applicable.

>> TEMPERATURE CHARACTERISTICS.

- Softening point/range: 70 - 80 °C (ring and ball method).
- Flash point: > 100 °C (ISO 1523).

>> OTHER DATA.

- Density: Around 980 kg/m³ at 23 °C.
- Solubility :
 - . In water : Insoluble and not miscible.

10 - STABILITY AND REACTIVITY.

- Stability : Stable at normal storage and handling temperatures.
- Hazardous reactions :
 - Conditions to avoid: Do not overheat adhesive during usage.
 - Hazardous decomposition products: Possible formation of irritating vapours above the advised use temperature.

11 - TOXICOLOGICAL INFORMATION.

>> LOCAL EFFECTS.

- Inhalation: At high temperatures, concentrated vapours may cause irritation.

12 - ECOLOGICAL INFORMATION.

- Persistence and degradability: Not biodegradable.
- Ecotoxicity :
 - Not soluble in water.
 - Do not release into natural water courses or the environment.

13 - DISPOSAL CONSIDERATIONS.

>> PRODUCT OR RESIDUES.

- Waste disposal : Incinerate at approved waste disposal sites only.

>> CONTAMINATED PACKAGING.

- Suitable disposal : Dispose of an approved waste disposal site only.
- Local regulations : Comply with local regulations.

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14 - TRANSPORTATION INFORMATION.

>> INTERNATIONAL REGULATIONS.

Product is not subjected to international RID-ADR, IMO-IMDG and OACI-IATA regulations.

15 - REGULATORY INFORMATION.

>> EC REGULATIONS.

Conforms :

Directive "Dangerous substances" 67/548/EEC amended (Directive 2004/73/EC - 29th ATP).

Directive "Dangerous preparations" 1999/45/EC modified.

Directive "Safety data sheets" 2001/58/EC.

- Symbol(s):

None.

>> FRENCH REGULATION.

- Other information:

Comply with local regulations.

16 - OTHER INFORMATION.

- Recommended uses:

Hotmelt adhesive.

NOTE.

THIS SAFETY DATA SHEET COMPLIES WITH INTERNATIONAL STANDARD ISO 11014-1.

The information provided is based upon our best knowledge at the time that this safety data sheet was published. The information is believed to be accurate and is given in all good faith. The attention of users is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it is recommended. In such cases a complete reassessment should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures may be taken relating to the protection of health and safety at work and relating to the protection of the environment. The references to the legislative, regulatory and codes of practice documents must not be considered as exhaustive. It is the responsibility of handlers of the product to pass on the totality of the information contained within this documents to any subsequent persons who will come into contact with, handle or use the product in any way.

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