

GLUE STICK RING 0730

PRODUCT DESCRIPTION

Ethylene Vinyl Acetate copolymers.

FIELD OF USE

High-strength adhesive suitable for very difficult surfaces such as various laminated plastics (PE, PP, PETG, PET), PVC, painted surfaces, metals, glass, etc. Its chemical-physical characteristics allow it to achieve excellent results not previously obtained with products of similar base. Excellent bonding strength and long-term stability.

TECHNICAL SPECIFICATIONS

PARAMETER

Brookfield viscosity (RVT)

Melting temperature

Resistance

Dry extract

Flammability

Colour

Open time

Setting time

Ring & Ball softening point (AFNOR NFT 76106)

Appearance

Working temperature

Odour

Toxicity

METHOD

6.500 mPas $\pm 10\%$

180°/200°C

water: good

solvent: poor

100% ± 0.1

Non-flammable

Transparent

30 – 40 seconds

5 seconds

79°C $\pm 2^\circ\text{C}$

Solid in Stick Ø 11,5/12 mm, length 200 mm

180°C - 200°C

slight emission only during use – odourless bond

Non-toxic

PACKAGING

The product is available in 10 Kg boxes.

STORAGE

Unlimited shelf life when stored in dry environments at temperatures between 5°C and 45°C.

WARNINGS

Generally, if after two weeks from bonding no weakening of adhesion strength has been observed, it can be assumed that the bond will remain durable over time without particular problems. To obtain good results, even on difficult materials, it is essential to use glue applicators capable of maintaining the temperature within the required tolerances (190°C / 200°C). If considered useful, it is recommended to use two glue applicators alternately.

Ensure that bonded parts are not exposed to frost or high humidity levels. The above information reflects our laboratory experience and should be considered indicative. Results must be confirmed through specific tests for each type of application. The components of this product comply with FDA regulations under paragraph 21 CFR 175.105 for indirect food contact.



Cerca i nostri prodotti
certificati FSC®

Only the products that are
identified as such on this
document are FSC® certified

SAFETY DATA SHEET LCS0730

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identification

Product name: Glue Stick Ring LCS0730

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Description

Hot melt adhesive based on ethylene copolymers, vinyl acetate and synthetic resins

3. HAZARDS IDENTIFICATION

3.1 Hazard classification: None.

Product not subject to regulations concerning hazardous products.

4. FIRST AID MEASURES

Skin contact: If the adhesive is cold, wash with soap and water.

If the adhesive is hot, do not remove the molten product until it has cooled to avoid skin tearing. Consult a doctor.

Eye contact: Rinse immediately with plenty of cold water and consult a doctor.

Ingestion: Consult a doctor

Inhalation: In case of discomfort, move the person to a well-ventilated area. If necessary, consult a doctor.

5. FIRE-FIGHTING MEASURES

The product is not flammable. After melting, the adhesive burns producing toxic fumes. Use respiratory protection equipment where necessary.

5.1 Extinguishing media:

Water spray – powder – CO₂ – sand – foam.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

None if the product is cold

6.2 Environmental precautions

None if the product is hot, allow it to cool naturally

7. HANDLING AND STORAGE

7.1 Handling

Wear suitable protective clothing such as gloves and goggles when handling the product in molten state. Avoid breathing fumes and vapours. Installation of suitable extraction systems in application areas is recommended.

7.2 Incompatible materials

None

7.3 Storage

Store in dry and ventilated areas at temperatures not exceeding 50°C.



Cerca i nostri prodotti
certificati FSC®

Only the products that are
identified as such on this
document are FSC® certified

The mark of
responsible forestry

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin protection: not required during normal use
Eye protection: not required during normal use
Hand protection: not required during normal use
Respiratory protection: not required during normal use

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on fundamental physical and chemical properties

Appearance: solid
Colour: transparent
Odour: characteristic
Brookfield viscosity at 190°C: 6,500 mPa·s ±10%
Water solubility: insoluble
Ring & Ball softening point: 79°C ±2°C

10 STABILITY AND REACTIVITY

10.1 Stability

Stable if stored and handled as prescribed.

10.2 Reactivity

None

10.3 Hazardous decomposition products

None if stored and handled as prescribed. In case of fire, toxic gases may form.

11 TOXICOLOGICAL INFORMATION

None

12 ECOLOGICAL INFORMATION

Use the product as prescribed. In case of dispersion, collect using suitable means.

13 DISPOSAL CONSIDERATIONS

The product can be recycled. Dispose of in accordance with current regulations.

14 TRANSPORT INFORMATION

No special precautions, as the product is not classified as dangerous for international transport.

15 REGULATORY INFORMATION

The product does not contain hazardous substances listed in the annex of Ministerial Decree 16/02/1993 (EEC Directives 67/548 and 88/379) concerning classification, packaging and labelling of hazardous substances. It is not included among materials requiring mandatory medical surveillance (DPR 303/56 and DPR 335/94).

16 OTHER INFORMATION

The environmental, health and safety information contained in this Safety Data Sheet is provided in compliance with legal requirements and refers to the substance/preparation described herein. For further information, consult the Technical Data Sheet of the product. The information contained in this Safety Data Sheet is based on our knowledge of the product and is provided in good faith. The user must ensure that the information provided is suitable for the intended use. This sheet cancels and replaces all previous editions.

Last revision date: March 2010.



Cerca i nostri prodotti
certificati FSC®

Only the products that are
identified as such on this
document are FSC® certified

The mark of
responsible forestry