

## **EC-Safety Data Sheet**

in the style of Regulation (EC) No. 1907/2006 Status: 19.07.2006

L 100 U

### **1. Description of the article**

Name of the article: L 100 U

Use of the article: Transfer tape

### **2. Possible hazards**

Classification: No known hazards

### **3. Composition/Information on ingredients**

Chemical characterization (article)

Pressure-sensitive adhesive transfer tape

- Liner release paper, silicon coated

- Adhesive acrylic copolymer, solventfree

Further Information

Compliant with Regulation (EC) No. 1005/2009 dated 16/09/2009 (substances that deplete the ozone layer); as with Nr. 1272/2008/EC (GHS of Classification, Labelling and Packaging)

### **4. First-Aid Measures**

General Advice

May cause adhesive-typical odour in poorly ventilated rooms in individual cases.

First aid after inhalation

None

First aid after contact with skin  
None

First aid after contact with eyes  
None

First aid after ingestion  
None

Advice for the physician  
Not required

## **5. Fire-fighting measures**

Suitable extinguishing media  
Dry extinguishing powder, foam, water and CO<sub>2</sub>

Unsuitable Extinguishing media for safety reasons  
Pointed water jet

Special protective fire-fighting equipment  
Protective measures to be adapted to surrounding conditions.

## **6. Accidental release measures**

Additional Advice  
Not applicable

## **7. Handling and Storage**

### Handling

Advice on safe use  
No special measures required

Advice on fire an Explosion protection  
No special measures required

### Storage

Storage room and container requirements  
No special measures required

## **8. Exposure controls/personal protective equipment**

### Exposure limit values

#### Exposure control and observation

Protection and hygiene measures

Do not eat, drink or smoke during work. Wash hands and skin with soap and water prior to breaks and upon finishing work.

Breathing protection

Not required

Hand protection

Not required

Eye protection

Not required

Body protection

Not required

## **9. Physical and chemical properties**

### General information

Appearance:	solid, roll form
Colour:	see respective specification
Odour:	slightly organic of adhesive

### Important information on health, environmental protection as well as on safety

Changes in state

### Other information

Not applicable

## **10. Stability and Reactivity**

Hazardous decomposition products

Not applicable

No decomposition when properly used

## **11. Toxicological information**

### Toxicological Tests

#### Acute Toxicity

LD50 (oral):	Not applicable
LD50 (dermal):	Not applicable
LC50 (inhaled):	Not applicable

## **12. Relevant ecological information**

### Ecotoxicity

LC 50 96h Fish:	Not applicable
EC50 48h Daphnia:	Not applicable
IC50 72h Algae:	Not applicable

## **13. Advice on disposal**

### Recommendation

The allocation of the waste disposal numbers is done in accordance with the Waste Catalogue Regulation and disposal is to be carried out by the waste producer according to specific sector and process regulations. Therefore, the listed waste disposal numbers are only recommendations:

Thermal disposal (e.g. EAK 15 01 02) as substitute fuel in the cement- or lime industrie is possible. If necessary, impurities caused through use are to be taken into consideration.

### Waste disposal number/product 200139

RESIDENTIAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL AND INDUSTRIAL WASTES AS WELL AS WASTES FROM PUBLIC BUILDINGS), INCLUDING SEPERATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); plastics

### Waste disposal number/residual product 200139

RESIDENTIAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL AND INDUSTRIAL WASTES AS WELL AS WASTES FROM PUBLIC BUILDINGS), INCLUDING SEPERATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); plastics

## **14. Information on Transport**

### Other Relevant information

This product is not a hazardous good in accordance with the transport regulations

## **15. Regulatory information**

### Labelling

Components requiring labelling  
None

### National Regulations

Hazardous incident Regulation: Not applicable  
Catalogue no. in accordance with Hazardous incident ordinance

## **16. Other information**

### Other Information

Pressure-sensitive adhesive tapes are products with varying conditions, for which Safety Data Sheets are not required. In order to meet our customers information requirements, thus this Safety Data Sheet represents the relevant advice for the use of our adhesive tapes. The information provided in this data sheet is correct to the best of our knowledge at its time of publication. The information in this Safety Data Sheet only describes the safety requirements for products not the significance of the composition information, properties or guarantees.

## Technical Data Sheet

L 100 U

**Solvent-free, environmentally friendly transfer tape with dispersion acrylic adhesive**

Product construction			
	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Modified acrylic		approx. 0,10
		<b>Total thickness:</b>	approx. 0,18

Product advantages
<ul style="list-style-type: none"> <li>• Food safety confirmed by ISEGA, certificate of conformity no. 23998 U 07</li> <li>• The dispersion acrylic adhesive is distinguished by excellent initial adhesion (tack) and enters into the pores of materials on account of its soft consistency. The effective bonding surface therefore is increased by a multiple.</li> <li>• Resistant to ageing and UV-radiation</li> <li>• Due to its high adhesive grammage the tape perfectly suits for rough surfaces</li> <li>• For foam lamination at room temperature only a slight laminating pressure is required to achieve perfect bonding</li> </ul>

Main application fields
<ul style="list-style-type: none"> <li>• Making all kinds of foam self-adhesive</li> <li>• Bonding of bituminous materials</li> <li>• Mounting of rear boot linings (felt, carpet) in the automotive industry</li> </ul>

Product features	Applicability on
Initial adhesion ●●●	Foam ●●●
Final adhesion ●●○	Rubber ●●○
Dimensional stability ●●○	Fabric ●●●
Adhesion on even surfaces ●●●	Glass/Ceramics ●●○
Adhesion on rough surfaces ●●○	Wood ●●○
Ageing resistance ●●○	High energy plastics: PVC, PC, ABS,... ●●●
Weathering resistance ●●○	Low energy plastics: PE, PP,... ●●○
Chemical resistance ●○●	Metal ●●●
Resistance to plasticizers ●○●	Paper/Cardboard ●●●

●●● very suitable ●●○ suitable ●○● suitable with reductions ○○● not suitable

## L 100 U

### Solvent-free, environmentally friendly transfer tape with dispersion acrylic adhesive

<b>Specific technical data*</b>	
Temperature range	-40 °C to + 120 °C**
Peel strength according to DIN EN 1939 after 24 hours storage at room temperature on different substrates:	
Powder lacquer	30 N/25 mm
Polyether foam	18 N/25 mm
PVC foam	23 N/25 mm
Peel strength according to DIN EN 1939 after 7 days storage at 70 °C on different substrates:	
PUR foam	12 N/25 mm
Polyether foam	18 N/25 mm
PVC foam	9 N/25 mm
Fogging value reflectometric in accordance with DIN 75201	98,4 %
Fogging value gravimetric in accordance with DIN 75201	< 0,2 mg
Odour value in accordance with VDA 270 after 24 h storage at room temperature	not bothering
Specifications met:	Renault 00-10-050

\* Specific test results, statistically not approved

\*\* Reached temperature in a rising heat test according to the international test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C

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### Solvent-free, environmentally friendly transfer tape with dispersion acrylic adhesive

#### Technical Data

<b>Shear Strength</b>	on steel according to DIN EN 1943, Edition 1996, at +23 °C +/- 2 °C	8 N/625 mm†
<b>Peel Strength</b>	on steel according to DIN EN 1939, Edition 1996, at +23 °C +/- 2 °C	25 N/25 mm

#### Application

Recommended application temperature	18 °C to 35 °C
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#### Storage

Adhesive tapes should be stored at room temperature and normal humidity (50 – 70 %).  
The storage stability is one year after delivery

#### Product presentation

Converted product	Rolls	
Width [mm]	1000	1500
Length [m]	200	200
Max. log width: 1500 mm	Other dimensions on request.	

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user-s method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.