

Material Safety Datasheet:

MLL10/MLG10

DATE: 25.04.2016 (EU/453/2010 – EC/1907/2006) DOC.: MSDS-PA_74-EN-0416

1 / IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name: MLL10, MLG10

Product type: Combination of modified butyl adhesive and aluminum sheet with PET reinforcement. This MSDS applies to the following products: MLL10 & MLG10

2 / HAZARD IDENTIFICATION

2.1 Identification: Product does not meet classification and labeling criteria given in directive EC1272/2008. Under normal industrial conditions, there is no indication that the product can be considered as a health risk.

2.2 Labeling elements: None

2.3 Other hazards: PBT: no vPvB: no

3 / COMPOSITION/INFORMATION ON INGREDIENTS

Butyl tape based on non-hazardous polymers as classified by EC1272/2008 Composition

Range % Symbols R-phrases

This product does not contain hazardous components

4 / FIRST AID MEASURE

Symptoms and effects: Due to concentration ingestion, skin contact, or inhalation of sufficient quantities to induce symptoms is unlikely.

First aid - inhalation: Inhalation of sufficient quantities to induce symptoms is unlikely.

First aid - skin: Thoroughly wash exposed area with soap and water, get medical attention if reaction develops and irritation persists.

First aid - eye: May cause eye irritation if wiped or rubber comes in contact; seek medical attention if irritation persists.

First aid - ingestion: Ingestion of sufficient quantities to induce symptoms is unlikely. Apply for medical advice. Do not induce vomiting.

5 / FIRE FIGHTING MEASURES

Extinguishing media: Use water, foam or dry powder to extinguish.

Unsuitable extinguishing media: No limitation known. Dangerous decomposition products: Combustion may yield several by-products: CO, CO₂, various hydrocarbons, H₂S, SO_x (sulfur oxides), sulfuric acid and unidentified inorganic compounds. To prevent environmental damage, if possible collect water used to extinguish the fire in basins. Protective equipment: Follow normal firefighting procedures. Fire-fighters should wear self-contained breathing apparatus, especially in enclosed areas.

6 / ACCIDENTAL RELEASE MEASURES

Personal precautions: No special precautions required.



Environmental precautions: No special precautions required.

Clean-up methods - Small spillage: Collect into container and dispose in accordance with local regulations.

Clean-up methods - Large spillage: Collect into container and dispose in accordance with local regulations.

7 / HANDLING AND STORAGE

Handling: No special precautions required. Good industrial and personal hygiene practice should be followed. No eating, drinking and smoking in the workplace. Storage: Store between +5 °C and + 30 °C. Store dry in the original packaging.

8 / EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures: No special precautions required, good industrial and personal hygiene practice should be followed. No eating, drinking and smoking in the workplace. Use the best available methods of handling for our products whereby the employees enjoy the maximum safety and whereby the environment is minimally taxed.

9 / PHYSICAL AND CHEMICAL PROPERTIES

Physical state +20°C: Solid

Form: Solid, tape

Odour: Not applicable

Colour: Grey, lead

Relative density: $\geq 1.30 \text{ g/cm}^3$

Viscosity: Not applicable

Boiling point / range: Not applicable

Melting point/range: Not established

Flash point: Not established

Flammability: Not established

Auto ignition temp.: $> 200^\circ\text{C}$

Explosion properties: Not applicable

Vapour density: Not applicable

Vapour pressure: Not applicable

Solubility in water: Not soluble

Solubility in solvents: Soluble

pH: Not applicable

Partition coefficient n-octanol/water:
Not established

10 / STABILITY/REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid: Open flames.

Materials to avoid: No materials to avoid.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. (incomplete) Combustion may yield several by-products: CO, CO₂, various hydrocarbons, H₂S, SO_x (sulfur oxides), sulfuric acid and unidentified inorganic compounds.



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11 / TOXICOLOGICAL INFORMATION

Basis for assessment: Low toxicity is indicated by available data. Under normal industrial conditions, there is no indication that the product can be considered as a health risk.

12 / ECOLOGICAL INFORMATION

Mobility: Not mobile.

Persistence/degradability: Product is hardly degradable.

Bioaccumulation: There is seemingly no tendency for bioaccumulation.

Ecotoxicity: Product is not toxic.

13 / DISPOSAL CONSIDERATIONS

Waste disposal: All product disposals should comply with local, national or EEC regulations.

Product disposal: All product disposals should comply with local, national or EEC regulations

14 / TRANSPORT INFORMATION

Transport road and rail: UN Number ADR/RID Correct technical name ADR/RID ADR/RDI Class
Packaging group

The product is not classified as dangerous for transport.

Transport air: UN number ICAO Proper shipping name ICAO Class

The product is not classified as dangerous for transport.

Transport sea: UN Number IMO Proper shipping name IMDG Class Packing Group

The product is not classified as dangerous for transport.

15 / REGULATORY INFORMATION

EU Classification: Not applicable.

EU Symbols: Not applicable.

EU Risk phrases: Not applicable.

EU Safety phrases : Not applicable.

16 / OTHER INFORMATION

Disclaimer: This Material Safety Data sheet conforms to EEC Directive EU/453/2010 – EC/1907/2006.

The information given here is to the best of our knowledge true and accurate. As our company has no indication of the application and conditions where our products are used, the user must take the necessary precautions to guarantee safety and the environment. No responsibility can arise or be derived from this document, neither can any guarantee or warranty be given for results in the end use. It is the responsibility of the user to ensure that during handling, storage and use of the product all regulations to protection of man and environment are observed. This sheet is not a sales specification or an indication of suitability for a particular use. This material Safety Data Sheet will replace all previous versions.



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