



Material Safety Data Sheet

Date: 26/11/2012

Product : PMA74

Doc :MSDS-PMA74 Rev B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name: PMA74
Product type: Aluminium sheet with PET reinforcement with an adhesive of butyl rubbers, hydrocarbon resins and additives. PET on top.
Supplier: **Carlisle Hardcast Europe b.v.**
Address: Bloemendalerweg 25-33 P.O. Box 299
1380 KB 1380 AG
Weesp / The Netherlands E-mail sales@hardcast.nl
Telephone number: +31 (0)294 414155 Telefax:+31 (0)294 418655
Emergency telephone number: +31 (0)294 414155

2. COMPOSITION/INFORMATION ON INGREDIENTS

Dangerous components/constituents:

Composition	Symbols	R-phrases
Butyl rubbers	--	--
Hydrocarbon resins	--	--
Mineral oil	--	--
additives	--	--
Aluminium / PET foil	--	--

3. HAZARD IDENTIFICATION

Human Health Hazards: Under normal industrial conditions, there is no indication that the product can be considered as a health risk.

4. FIRST AID MEASURE

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

First aid - inhalation: Inhalation of sufficient quantities to induce symptoms 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 rubbed in to eyes; seek medical attention if irritation persists.

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

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5. FIRE FIGHTING MEASURES

Extinguishing media:	Water, Foam, dry powder to extinguish.
Unsuitable extinguishing media:	No limitation known.
Dangerous decomposition products:	Combustion may Yield normal by-products : CO, CO ₂ , various hydrocarbons and phenols may be released in a fire.. To prevent environmental damage, if possible collect water used to extinguish the fire in basins.
Protective equipment:	Follow normal fire fighting 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:	Characteristic
Colour:	Aluminium coloured
Relative density:	1.30 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°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:	Combustion may Yield normal by-products : CO, CO ₂ , various hydrocarbons and phenols may be released in a fire. To prevent environmental damage, if possible collect water used to extinguish the fire in basins.

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.
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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:

Disclaimer:

This Material Safety Data sheet conforms to EEC Directive 2001/58/EEC.

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.