

Interior Solid Surface Material

HI-MACS[®]
Natural Acrylic Stone™

TECHNICAL DATA SHEET

MSDS HI-MACS[®] SHAPE | Material Safety Data Sheet



Photos : Studio Podrini

SECTION 1: Chemical product and manufacturer's information

1.1 Identification of the substance. Name: Solid surface

1.2 Identification of the Company: Made in EU

Responsible Company:

LG Hausys Europe GmbH
Lyoner Str. 15
60528 Frankfurt am Main
Germany

SECTION 2: Composition and information ingredients

2.1 Description of the product: Solid surface is a polymeric material used in sanitary field as shower plate, bath tubes, vanities, kitchen sinks laborites shapes or other wet areas.

2.2 Information on ingredients:

HAZARDOUS COMPONENTS	CAS N.º	EINECS	CONCENTRATION%	HAZARD SYMBOLS	R/S PHRASES
Methylmetacrilate	80-62-6	201-297-7	30-40	F Xi	R11 R37/38 R43
Al (OH)3	21645-51-2	244-492-7	60-70	-	R37 S2-22-24-25

SECTION 3: Health hazard data

3.1: In the form supplied the product is non-hazardous. The polymerization reactions uptake monomeric units (reagents) and the end-product is supplied without solvents. Never less some dust can be released in case of mechanical processing; dust consist in polymeric material and Aluminum hydroxide.

SECTION 4: First aid measures

EXPOSURE WAY	SYMPTOMS	MESURES TO BE TAKEN IMMEDIATELYW
Inhalation	Irritation or soreness of respiratory ways	Go away from the contamianated zone. Seek medical attention if needed.
Eyes	Temporary irritation	Flush eyes with large quantities of clean water. Seek medical attention if needed.
Skin contact	-	-
Ingestion	Unknown	Seek medical attention.

SECTION 5: Fire and explosion data

5.1: This material it is not inflammable or explosive as supplied. Never less is combustible and it is compatible with all standard Firefighting methods (Water, CO₂, etc.).

SECTION 6: Spill procedures and waste disposal

6.1 Personal precautions: See section N°8

6.2 Environmental precautions: There are no known risk associated with the product if it is exposed to soil or surface water contact.

6.3 Methods for cleaning up: According to amount, remove spilled material manually, or by mechanical means.

SECTION 7: Handling and storage

7.1 Handling: No special precaution is required.

7.2 Storage: Store in dry and manually aired area, away from heat sources that cause damage to the product or to packing materials eventually present. Excessive moisture or water are not dangerous, but can damage the product.

SECTION 8: Special protection information

8.1 Exposure controls: In case of mechanical processing use engineering measures such as dust extraction at point of work to keep dust level to a minimum. Customers are advised to check National legislation for limit values and their period of reference.

8.2 Personal protection: During the installation or mechanical processing are required:

- Respiratory protection: Use approved equipment if conditions so require.
- Hand protection: Use wears non-porous antislip gloves.
- Eye protection: Protection glasses are required if only dust is generated during placement and processing.
- Skin protection: Safety footwear and overalls are recommended.

SECTION 9: Physical and chemical properties

Physical form	Solid
Appearance	Stiff product
Odour	None
Bulk density	Not available
Melting point	Not available
Boiling point	Not available
Vapour pressure	Not available
Solubility	insoluble in water
Ph	-
Flammability	None
Auto flammability	None
Explosive properties	None

SECTION 10: Stability and reactivity

10.1 Chemical stability: This material is stable in the form supplied and under normal conditions of dry storage.

10.2 Incompatibility: Exposure to moisture, solvents or heat although not hazardous, will make unstable the product.

10.3 Decomposition products:

SECTION 11: Potential chronic health effects

11.1: There are no health affects known that can arise from the product on delivery. The main danger is the possibility of accidental and prolonged exposure to dust overdose in case of mechanical processing.

11.2 Acute health effects: Irritation or soreness of respiratory ways. Irritation and inflammation of eyes.

SECTION 12: Ecological information

12.1: The unused product is considered inert respect to the environment, it remains stable over the time.

SECTION 13: Federal regulations

HAZARD SYMBOLS	RISK PHRASES	SAFETY ADVICE PHRASES
-	-	-

SECTION 14: Other informations

See: EEC Directives 91/155/EEC-93/112/EEC

This Safety Data Sheet has been prepared in strict observance of EC directives CEE 91/155/ECC – 93/112/CEE and in observance of DM 07/09/2002.

This information was obtained from sources like safety data sheets of ingredients, but they can not be considered to be exhaustive themselves. The conditions or methods of handling, storage, use and disposal are beyond our control and may be beyond our knowledge. Thus we can not accept responsibility for any loss, damage or expense connected with the handling, storage, use or disposal of the product.

SHAPE

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