



Product Information Sheet

KömaAlu for signage and decoration

1. Product Identification

Company:	profine GmbH KÖMMERLING Kunststoffe Department Sheets, Profiles and Systems (SPS) Zweibrücker Strasse 200 66954 Pirmasens Germany info@komasheets.com www.komasheets.com
Product	KömaAlu - Aluminium composite panel
Recommended use	Composite Sheet Material for Signage / Decoration

2. Hazard Identification

KömaAlu ACP is not classified as hazardous according to the OSHA Hazard Communications standard, 29 CFR 1910.1200 instead, it is defined as an article: 1) which is formed to a specific design during manufacture, 2) which has end use function(s) dependent in whole or in part upon it's shape or design use during end use, 3) which under normal condition does not release, or otherwise result in exposure to hazardous chemical under normal conditions of use.

3. Composite / Information on Ingredients

Ingredients	CAS Number	Percent (%) by weight
Polyethylene	9002-88-4	45 to 85
Aluminium	7429-90-5	15 to 55
Coating	Flexible according to different colours	Less than 1°

4. First Aid Measures

This product is not considered to be a health hazard in the form in which they are sold (sheet, panel). However, if these products are abraded, melted, welded, cut or processed in any manner that causes release of fumes or dusts, hazardous levels of fumes or dusts may be generated from this product. If contact with eyes, rinse eyes with water or saline for at least 15 minutes. If contact with skin, wash immediately under water for at least 15 minutes. For inhalation exposure, remove to fresh air. Contact a physician.

5. Fire Fighting Measure

Extinguishing media	Water, foam, CO ₂ , dry chemical powder
Special firefighting procedure	Self-contained breathing apparatus and full protective
Thermal decomposition	May produce water, carbon monoxide, carbon dioxide, and smoke upon combustion

6. Accidental Release

A release should not occur. However, if this product is abraded, melted or cut, dusts may be generated. Should a release of dusts occur, contain by blocking routes to surface water and grassy areas. Clean up by sweeping and depositing into a closed container.

PPE Requirements : Safety glasses, dust respirator and gloves.

7. Handling and Storage

Storage and handling precautions	Store in a flat dry area. Avoid contact with sharp edges.
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8. Exposure Control

Ingredient	OSHA Exposure Limit		ACGIH
	Total	Respirable	TLV
Polyethylene	10 mg/m ³	5 mg/m ³	N.E.
Aluminium	15 mg/m ³	5 mg/m ³	N.E.

Effects of overexposure:

Acute	Physical irritation of the eyes may result from overexposure to high concentrations of dust from certain fabricating operations.
Chronic	Repeated long term inhalation of high concentrations of respirable dust may cause inflammation of the upper and lower respiratory tract.

9. Physical and Chemical Properties

Appearance	Solid sheet, sandwich construction, various colour
Odour	NA
Odour threshold	NA
PH	NA
Melting point	Aluminium > 620 °C, polyethylene > 98 °C
Initial boiling point / boiling range	NA
Flash point	Composites > 418 °C
Evaporation rate	NA
Flammability	NA
Upper / lower explosive limit	NA
Vapor pressure	NA
Vapor density	NA
Specific gravity	Aluminium 2.70 – 2.73 kg/m ² /mm range core 0.95 – 1.25 kg/m ² /mm
Solubility	Insoluble in water
Partition coefficient	NA
Auto-ignition	Composite > 417 °C
Decomposition temperature	No data
Viscosity	NA

10. Stability and reactivity

Stability	Stable
Incompatibility	None known
Decomposition products	Reference: “Thermal decomposition”, section 5

11. Toxicology information

NA

12. Ecological information

NA

13. Disposal information

Reuse or recycle the materials whenever possible. If reuse or recycling is not possible, dispose in accordance with federal/state or local regulations.

14. Transportation

UN Number	NA
UN Proper shipping name	NA
Transportation hazard	NA
Packing group	NA
Environmental hazard	NA
Transport in bulk	NA
Special precautions	NA

15. Regulatory information

HOSHA	No hazardous under the criteria, 29 CFR 1910.1200
REACH	Compliant with the REACH regulation.
RoHS	Compliant with the RoHS regulation.

16. Other information

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