SAFETY INFORMATION SHEET

DECORATIVE ELEMENTS FOR INTERIORS AND FACADES

Voluntary safety information following the Safety Data Sheet format
according to Regulation (EC) No.1907/2006 (REACH)

Version: 1.0 **Issue Date: 10/10/2023**

SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: Decorative elements for interiors and facades

Main components: Polyurethane Foam covered by the polyurethane primer.
Additional information is presented in Section 3.

CAS number: 9009-54-5

EC number: 618-449-1

Registration number under REACH Regulation: This product form does not require registration according to Regulation (EC) No 1907/2006 [REACH].

This product is produced as an article as defined in REGULATION (EC) No 1907/2006 (REACH).
The substances containing in this product do not require registration in accordance with Art. 7 of Regulation (EC) No 1907/2006, as they are not intended to be released and not result in exposure to a hazardous chemical under normal or reasonably foreseeable conditions of use.
The substances containing in this product are not listed in the Candidate List of Substances of Very High Concern for authorization.
So, Safety Data Sheet is not required. This document is provided as a convenience to the customers.

1.2 Relevant identified uses of the product and uses advised against

Identified uses: use for construction and decoration by industrial and professional workers and consumers.
Uses advised against: Do not use for products which come into contact with foodstuffs. Uses not specified in the instructions are prohibited.

1.3 Details of the supplier of the safety information sheet

Architectural Decor Kft.
1142 Budapest
Tatai utca 3.
order@gaudidecor.eu
+36 70 756 5820

1.4 Emergency telephone number

+36 70 756 5820

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the product

Classification according to Regulation (EC) No 1272/2008 on classification, labeling and packaging (CLP)

Not applicable

2.2 Label Elements

Not applicable

2.3 Other hazards

Polyurethane is a material of organic origin and therefore combustible. When heated to decomposition, the product emits toxic fumes.

Possible formation of dust and small particles when working with material, transporting, transferring, cutting, deformation, accidental mechanical damage.

Substances containing in the product do not meet the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII

Substances containing in the product are not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS number	EC number	Chemical name	Concentration	Classification according to Regulation (EC) No. 1272/2008	Specific concentration limits/ M-Factor	REACH Registration number
9009-54-5	618-449-1	POLYURETHANE FOAM*	>95%	Not classified	Not available	Not required

***** *Thermoset Polyurethane*

The product is covered by the primer which represents white polyurethane primer for industrial/professional use. It is not intended to be released under normal conditions of handling and use.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information:
The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Exposure is possible in case of fire or in case of formation of dust and small particles when working with material, transporting, transferring, cutting, deformation, accidental mechanical damage.

In case of accident or if you feel unwell, seek medical advice. Show this document to the doctor in attendance.

4.1.2 Following inhalation:
Provide fresh air.
In case of inhalation of decomposition products in a fire, symptoms may be delayed. Get medical attention if you feel unwell.

4.1.3 After skin contact:
Remove any contaminated clothing, shoes or stockings.
After contact with skin, wash with plenty of water and soap.
Wash contaminated clothing before reuse.
Consult a physician if necessary.

4.1.4 Following eye contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.1.5 After ingestion:
Product is not intended to be ingested or eaten. If product is ingested, treat symptomatically. Do not induce vomiting. Rinse mouth with water to remove particles, and drink plenty of water to help reduce the irritation. Never give anything by mouth to an unconscious person. Get medical attention

4.2 Most important symptoms and effects, both acute and delayed

Following symptoms can occur:
Cough.
Irritation of the gastrointestinal tract. Gastro-intestinal ailment. .No chronic effects are expected following ingestion.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

If products of thermal decomposition are inhaled the following symptoms can occur:
May cause respiratory irritation.
In case of breathing difficulties administer oxygen.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Consider media appropriate for surrounding materials

Extinguishing media which must not be used for safety reasons:
Do not use a heavy water stream. Use of heavy stream of water may spread fire

5.2 Special hazards arising from the product

Fire hazard: Not considered flammable but may burn at high temperatures.
Polyurethane foam, like all organic materials, will burn if exposed to ignition source of sufficient heat and intensity, or open flame, such as a welder's torch. The ignition temperature of polyurethane foam will vary depending on the product chemical formulations], but all polyurethane are combustible and can create a fire risk.

Under certain fire conditions, irritating and potentially toxic fumes and gases can be generated, creating rapidly spreading, high-intensity flames and dense, black smoke. Exposure to decomposition products may present health hazards. Do not breathe smoke/fumes.

Explosion hazard: Product is not explosive.

Hazardous decomposition products in case of fire:
Nitrogen oxides (NOx). Carbon oxides (CO, CO2). Unidentified organic compounds, which can include hydrocyanic

and organic products of pyrolysis.

5.3 Advice for fire-fighters

Remove unnecessary persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Wear a self-contained breathing apparatus and chemical resistant suit. Clothing for fire-fighters shall include helmets, protective boots and gloves conforming to European standard EN 469 for a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Use personal protective equipment. Avoid dust formation. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing of dust and particles.

Provide adequate ventilation. All action shall not be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from contaminated area. Wear personal protection equipment.

6.2 Environmental precautions

Do not allow to enter particles into ground-water, surface water or drains. Inform the local authorities if the environmental pollution by the product has occurred

6.3 Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.
Clear contaminated area thoroughly.

6.4 Reference to other sections

Information on protective measures and waste disposal is available in the sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation of the storage area.
Wear personal protection equipment.
Avoid contact with skin, eye and clothing.
After contact with skin, wash immediately with plenty of water and soap.
Handle in accordance with good industrial hygiene and safety procedures.
Wash hands before breaks and after work.
Eating, drinking and smoking should be prohibited in areas where this product is handled, stored and processed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Store away from food and drink.
Do not store together with: Strong acids, strong bases, strong oxidizers.

7.3 Specific end use(s)

Use for construction and decoration by industrial and professional workers and consumers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.
Ensure all national/local regulations are observed.

8.2.2 Individual protection measures, such as personal protective equipment

Respiratory protection:

Wear dust mask when dust formation is possible.
If irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
For dust or fumes from hot processing, use proper approved respiratory equipment designed for organic vapors and isocyanates.

Hand protection:
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN ISO 374-1: 2016.

Eye protection:
Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166: 2002.

Skin protection:
Wear impervious clothing.

General protection and hygiene measures:
Wash hands, forearms and face thoroughly after handling, before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing.

8.2.3 Environmental exposure controls

Avoid release to the environment. See Section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance (physical state and colour):	Solid Cellular urethane foam Colour - white to yellow
Odour:	No data available
Odour threshold:	No data available
pH:	Not applicable

Melting point/freezing point:	Not applicable. The product decomposes before melting.
Boiling point/boiling range:	Not available
Flash point:	Not applicable
Flammability (solid, gas):	Non-flammable. Remark: Polyurethane foam is not considered flammable but may burn at high temperatures. Polyurethane foam, like all organic materials, will burn if exposed to ignition source of sufficient heat and intensity, or open flame, such as a welder's torch. The ignition temperature of polyurethane foam will vary depending on the product chemical formulations], but all polyurethane are combustible and can create a fire risk.
Upper/lower flammability or explosive limits:	Not applicable.
Explosive properties:	Not explosive.
Oxidising properties:	Not oxidizing.
Vapour pressure:	Not applicable
Density:	200 – 1100 kg/m^3
Water solubility:	Insoluble in water
Solubility in other solvents:	No data available.
Partition coefficient: n-octanol/water:	Not available
Viscosity:	Not applicable.

Vapour density:	No data available.
Evaporation rate:	No data available.
Auto-ignition temperature:	No self-ignition up to the decomposition point.
Decomposition temperature:	No data available

9.2 Other information

Organic peroxide: Based on the available data, the classification criteria are not met.
Self-heating: Based on the available data, the classification criteria are not met.
Pyrophoric liquid: Based on the available data, the classification criteria are not met.
Corrosive to metals: Based on the available data, the classification criteria are not met.
Substance which in contact with water emits flammable gases: Based on the available data, the classification criteria are not met.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Specific test data related to reactivity are not available. See section 10.5

10.2 Chemical stability

Stable in normal conditions of use.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Keep away from heat.
Protect from moisture.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products are not expected.
Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.
Thermal decomposition leads to formation of: Nitrogen oxides (NOx). Carbon oxides. Unidentified organic compounds, which can include hydrocyanic and organic products of pyrolysis.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute effects (acute toxicity, irritation and corrosivity)

LD50 oral:	No data available
LD50 dermal:	No data available
LC50 inhalation:	No data available

Skin corrosion / irritation

This product is expected to be non-irritating

Serious eye damage / irritation

This product is expected to be non-irritating

Specific target organ toxicity – single exposure

No data available

Sensitisation

Respiratory sensitisation: No data available.
Skin sensitisation: No data available

Repeated dose toxicity

Specific target organ toxicity — repeated exposure: No data available

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Carcinogenicity Substances containing in the product are not known or reported to be carcinogenic by any reference source including IARC or NTP.

Germ cell mutagenicity: Substances containing in the product are not known or reported to be mutagenic

Reproductive toxicity: Substances containing in the product are not known or reported to be hazardous for reproductive system
Reproductive toxicity, effects on or via lactation: No data available.

Aspiration hazard

No data available.

11.2. Information on other hazards

Polyurethane foam is made of fully reacted polymers and is considered a non-hazardous material.
The main adverse health effects of cured polyurethane are related to dust generated by sanding, grinding or cutting the cured foam. Like sawdust or other fine powders, dust from polyurethane foam may irritate respiratory organs, eyes, and skin

11.2.1. Endocrine disrupting properties:
This product does not contain substances which are included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

11.2.2. Other information:
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute toxicity
Polyurethane is expected to be of low toxicity concern to aquatic and terrestrial organisms.
The experimental data were obtained from an algae growth inhibition test, a Daphnia acute immobilisation test no acute toxicity (>100 mg/L) was observed for algae and invertebrates. Fish were not tested. [EHS Support Polyurethane foam, 2022]

Chronic toxicity
There are no chronic studies available for polyurethane foam.

12.2 Persistence and degradability

The study does not need to be conducted for articles.

Other relevant information:	The product is not expected to be readily degradable Polyurethane foam meets the screening criteria for persistence

12.3 Bioaccumulative potential

Experimental BCF:	Polyurethane foam is expected to have a high molecular weight and poor water solubility. It is not expected to be bioavailable. Thus, this polymer does not meet the criteria for bioaccumulation . [EHS Support Polyurethane foam, 2022]
Log Pow:	Not available

12.4 Mobility in soil

Polyurethane is practically insoluble in water, so it no so it is not mobile in soil.

12.5 Results of PBT and vPvB assessment

Substances containing in the product do not meet the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Endocrine disrupting properties

This product does not contain substances which are included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

This product and its packaging must be disposed of in a safe way. Generation of waste should be avoided or minimized wherever possible.

Disposal of this product and its packaging should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional or local authority requirements.

13.1.1 Product

Dispose of product wastes via a licensed waste disposal contractor.

Incineration or landfill should only be considered when recycling is not feasible.

EWC Code 07 02 13

13.1.2 Packaging

Empty containers or liners may contain product residues. Packages should be emptied and can be recycled after thorough cleansing. If approved by local authorities, empty containers may be disposed of as non-hazardous material or returned for recycling.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number	Not a hazardous material with respect to these transportation regulations.
14.2. UN proper shipping name	Not a hazardous material with respect to these transportation regulations.
14.3. Transport hazard class(es)	Not a hazardous material with respect to these transportation regulations.
14.4. Packing group	Not a hazardous material with respect to these transportation regulations.
14.5. Environmental hazards	Not a marine pollutant.

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture containing in the articles

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization
Not listed.

EU Regulation (EC) No. 1907/2006 (REACH) Annex XVII -Restrictions on the manufacture, placing on the market

and use of certain dangerous substances, mixtures and articles:
Not listed
Monomer used for producing of polyurethane foam is listed in Annex XVII REACH

56. Methylenediphenyl diisocyanate (MDI) CAS No 26447-40-5 EC No 247-714-0 including the following specific isomers (a) 4,4'-Methylenediphenyl diisocyanate: CAS No 101-68-8 EC No 202-966-0; (b) 2,4'-Methylenediphenyl diisocyanate: CAS No 5873-54-1 EC No 227-534-9; (c) 2,2'-Methylenediphenyl diisocyanate: CAS No 2536-05-2 EC No 219-799-4	1. Shall not be placed on the market after 27 December 2010, as a constituent of mixtures in concentrations equal to or greater than 0,1 % by weight of MDI for supply to the general public, unless suppliers shall ensure before the placing on the market that the packaging: (a) contains protective gloves which comply with the requirements of Council Directive 89/686/EEC; (b) is marked visibly, legibly and indelibly as follows, and without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures: '— Persons already sensitised to diisocyanates may develop allergic reactions when using this product. — Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. — This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.' 2. By way of derogation, paragraph 1(a) shall not apply to hot melt adhesives.

Seveso Directive (2012/18/EU): Not listed.

Prior Informed Consent (PIC) (Regulation (EU) No 649/2012/EU): Not listed.

Ozone depleting substances (Regulation (EU) No 1005/2009/EU): Not listed.

Persistent Organic Pollutants (Regulation (EU) No 2019/1021): Not listed.

15.2 Chemical safety assessment

Not required for articles.

SECTION 16: OTHER INFORMATION

16.1.Indication of changes:

10/10/2023/Version 1 - Initial SDS

16.2.Abbreviations:

NOAEL: No Observed Adverse Effect Level.
NOEC: No observed effect concentration.
LD50: Lethal Dose 50 %. The LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.
LC50: Lethal Concentration 50 %. The LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.
BCF: Bioconcentration factor.
PBT: Persistent, bioaccumulative and toxic.
vPvB: Very Persistent and very Bioccumulative.
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer

16.3.Key literature references and sources for data:
EHS Support Polyurethane foam, 2022:
https://www.santos.com/wp-content/uploads/2022/09/Polyurethane-foam-2022.pdf

16.4. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:
Not applicable for articles.

16.5.Relevant H-statements (number and full text):
Not applicable.