

## PLASTIC DECORATION PROFILES SAFETY DATA SHEET

Dated 13 December 2014, numbered 29204, "Turkish Ministry of Environment and Urbanization, Regarding Harmful Substances and Mixtures It has been prepared in accordance with the provisions of the "Regulation on Safety Data Sheets".  
30105 dated 23 June 2017, „On Registration, Evaluation, Authorization and Restriction of Chemicals  
Arranged in accordance with the provisions of the regulation

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### Hazard statement(s)

	Not Applicable
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### Precautionary statement

<b>P101</b>	If medical advice is required, remove the packaging or label. Keep it .
<b>P102</b>	Out of reach of children on the ground keep it.
<b>P103</b>	Read the label before use

### SECTION 3 Composition / information on ingredients

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name	Classification
9003-53-6	% 92	Polystyrene (general purpose)	Not classified
1305-78-8	% 0,50	Calcium Oxide	STOT SE Category 3 H335
215-279-6	% 0,50	Calcium carbonate	Skin Irrit.. Category 2 H315
6422-86-2	% 0,50	DOTP , Bis(2ethylhexyl) Terephthalate>99,5	Eye Dam. Category 1 H318
557-05-1	% 0,50	Zinc distearate	STOT SE Category 3 H335
-	% 0,50	Colorant	Skin Irrit. Category.2 H315
9003-55-8	% 5	Styrene - Butadiene block copolymer	Eye Dam. Category 1 H318
	% 0,50	sodium dodecylbenzenesulfonate	Not classified

### SECTION 4 First aid measures Description

#### Description of first aid measures

	Generally not applicable.
<b>Eye Contact</b>	Rinse carefully with plenty of water, keeping eyelids open. Remove contact lenses if fitted and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. May cause temporary irritation (redness, burning, swelling, eye watering. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin Contact</b>	No special precautions are required. In case of itching wash with water. Consult a doctor if necessary. Take off the clothes contaminated with the product
<b>Inhalation</b>	Remove to fresh air if breathing is difficult. If you feel unwell, immediately call the NATIONAL POISON ADVICE CENTER or doctor/physician. May cause coughing and irritation in the respiratory tract.
<b>Ingestion</b>	Ingestion may cause irritation of the mouth, throat, digestive tract
Swallowing	Do not induce vomiting. Rinse mouth thoroughly with plenty of water. Immediately consult a doctor and show the container/label of the product to the doctor.

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### SECTION 5 Firefighting measures

#### Special hazards arising from the substrate or mixture

<b>Fire Incompatibility</b>	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result
<b>Fire Fighting</b>	The product itself may be slightly flammable. In case of fire, use dry chemical powder, foam, CO2 extinguishers or low pressure water.
<b>Fire/Explosion Hazard</b>	Pneumatic conveying and other mechanical processes can cause flammable dust mixtures. Avoid dust accumulation to reduce the risk of dust explosion. Adequate oxygen value should always be provided. In case of fire, toxic and/or irritating gases and vapors may be released. Carbon monoxide, carbon dioxide.
<b>Special hazards arising from the substrate or mixture</b>	It is intervened with standard clothing (fire helmet, overcoat, trousers, boots and neoprene fire gloves). Enter the area covered by the fire with a fresh air mask). As a general practice, in case of spillage, leakage and fire, isolate the environment, remove unnecessary personnel from the field, do not approach the area without protective equipment, rescue the injured first. There may be a dust explosion.

### SECTION 6 Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

It is intervened with standard clothing (fire helmet, overcoat, trousers, boots and neoprene fire gloves). Enter the area covered by the fire with a fresh air mask). As a general practice, in case of spillage, leakage and fire, isolate the environment, remove unnecessary personnel from the field, do not approach the area without protective equipment rescue the injured first. There may be a dust explosion.

#### Environmental precautions

Avoid leakage into the soil in large quantities. Contain spill Comply with all relevant local and national regulations.

#### Methods and material for containment and cleaning up

<b>Minor Spills</b>	In case of spilling on the ground, dust should be collected with a suitable broom without being lifted into the air. It will be disposed of as waste in a safe manner according to Section 13 Notify the environmental authorities
<b>Major Spills</b>	See Section 1 for emergency contact information. See Section 8 for information on suitable personal protective equipment See Chapter 13 for additional information on waste treatment

### SECTION 7 Handling and storage

#### Product Identifier

<b>Safe handling</b>	No special handling procedures required.
<b>Other information</b>	It should be kept in a humid environment and protected from sunlight. Ventilation should be provided where melting processes, comminution processes and high temperature processes occur. Dust formation must be prevented. Equipment for the mechanical collection of spills should be available. Although there is no problem with the granular product, dust mask should be used in re-crushing processes. Static electricity generation must be prevented. Read the label before use. Keep away from fire/heat/spark

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### Conditions for safe storage, including any incompatibilities

<b>Suitable container</b>	No restriction on the type of containers. Packing as recommended by manufacturer. Check all material is clearly labelled. Used as Interior Decoration.
<b>Storage incompatibility</b>	Store the product in its original packaging and under standard warehouse conditions indoors. Keep away from wet environment. Do not damage the label. When opening the package, open it carefully. It can break easily
<b>Synonyms</b>	Not Available
<b>Chemical formula</b>	Not Applicable
<b>Other means of identification</b>	Not Available

### SECTION 8 Exposure controls / personal protection

#### Control parameter

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
2017/164/EU/	Calcium Oxide	Calcium Oxide	1 mg/m3	4 mg/m3	Not Available	Not Available

#### DNEL:

Ingredient	Control Parameter	Respiratory ( Working, Local , Long Term)	Respiratory ( Community, Local , Long Term)
Calcium Oxide	1mg/m3	1 mg/m3	1 mg/m3
Calcium Oxide	1mg/m3	330 ppm	2,300 ppm

#### PNEC:

Ingredient	Environment Parameter	Environment Parameter
Calcium Oxide	fresh water	0.37mg/L
Calcium Oxide	Saltwater	0.24mg/L
Calcium Oxide	Soil	817.4 mg/kg
Calcium Oxide	Waste Treatment Plant	2.27mg/L

#### Exposure Controls

<b>Appropriate engineering controls</b>	General hygiene practice
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<b>Personal protection</b>	
<b>Eye and face protection</b>	No special equipment required due to the physical form of the product. Avoid contact with eyes. Use goggles in case of splashing.
<b>Skin protection</b>	Personal protective equipment for the body should be chosen according to the risks involved in the product. Wear suitable gloves (EN 374). Depends on the penetration time of the glove material. You can get information from the glove manufacturer.
<b>Hands/feet protection</b>	Use suitable gloves.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	<ul style="list-style-type: none"> <li>Do not eat, drink or smoke while using it.</li> <li>- Wash your hands before breaks and at the end of the working day.</li> <li>- Solvents should never be used as hand cleaners.</li> <li>- Work area, equipment and clothing should be cleaned regularly.</li> <li>- Make sure eyewash stations and safety showers are close to the workstation location</li> </ul>

### SECTION 9 Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Structural MDF combined with coating.		
<b>Physical state</b>	High Density Foamed Polystyrene (99%)	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour threshold</b>	Not Available	Water absorption % :	ISO 82 - 0.14 (40x40x7.5)
<b>pH (as supplied)</b>	Not Applicable	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	110-120° C	<b>Viscosity (cSt)</b>	Not Applicable
<b>Initial boiling point and boiling range (°C)</b>	Not Applicable	<b>Molecular weight (g/mol)</b>	Not Applicable
<b>Flash point (°C)</b>	Not Applicable	<b>Linear Thermal Expansion Coefficient</b>	50 x 10µm/m°C - 65 x 10µm/m°C
Burn Rate (With Combustion Retardant)	1.40 mm/min(min)	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Applicable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Applicable	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Applicable
<b>Lower Explosive Limit (%)</b>	Not Applicable	<b>Volatile Component (%vol)</b>	Not Applicable
<b>Vapour pressure (kPa)</b>	Not Applicable	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Immiscible	<b>pH as a solution (1%)</b>	Not Applicable
<b>Vapour density (Air = 1)</b>	Not Applicable	<b>VOC g/L</b>	Not Applicable

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<b>Flexural Strength</b>	9.1±0, MPa (DIN 53457)	<b>Hardness</b>	: 60 Shore D (DIN53505/ISO868)
<b>Impact Resistance (IZOD ):</b>	6.55 J/m (ASTM D 256-109)	<b>Moisture-Water Absorption (24h):</b>	0.09 % (ASTM D 570-98)
<b>Toxic Gas Factor</b>	Carbon dioxide, Carbon monoxide, 0-3 low toxicity	<b>Heat resistance :</b>	Max. +70°

### SECTION 10 Stability and reactivity

<b>Reactivity</b>	The product does not react dangerously.
<b>Chemical stability</b>	Stable at temperature and pressure under normal ambient conditions and anticipated storage and handling conditions.
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5 No hazardous decomposition product is expected to form under normal conditions of storage and use.

### SECTION 11 Toxicological information

<b>Inhaled</b>	Dust can be dangerous if inhaled for prolonged periods. It can cause irritation of the nose, throat and respiratory system and may cause coughing, sneezing, headache and dizziness.
<b>Ingestion</b>	No adverse effects are anticipated. May be toxic at low levels
<b>Skin Contact</b>	Skin contact This substance is normally non-irritating on contact. May cause skin dryness and irritation and sensitization upon frequent contact.
<b>Eye</b>	This substance is normally non-irritating on contact. May irritate eye tissues and cause skin rash. (b)
<b>Chronic</b>	The toxicological classification of the product has been made based on the results of the calculation procedures performed within the framework of the SEA Regulation The product is non-toxic.

### SECTION 12 Ecological information

#### Toxicity

Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Available	Not Available	Not Available	Not Available

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### SECTION 13 Disposal considerations

#### Waste treatment methods

<b>Product / Packaging disposal</b>	The product is sent to 100% recycling. The fragmented arc is turned into powder. Afterwards, it is melted and granulated to obtain the product again. While these processes are being carried out, the wastes are made according to the national legislation and the waste packaging is done in accordance with the legislation..
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### SECTION 14 Transport information

#### Labels Required

<b>UN Number</b>	Not Applicable
<b>UN Proper Shipping Name:</b>	Not Applicable
<b>Transport Hazard Classes:</b>	Not Applicable
<b>Packing Group</b>	Not Applicable
<b>Environmental Hazards :</b>	Not Applicable
<b>Special Precautions for User:</b>	Not Applicable
<b>Transport in Bulk According to Annex II of MARPOL 73/78 and IBC Code</b>	Not Applicable

### SECTION 15 Regulatory information

#### Safety, health and environmental regulations / legislation specific for the substance or mixture

This Safety Data Sheet, Ministry of Environment and Urbanization Regulation on Safety Data Sheets Regarding Harmful Substances and Mixtures (RG.13.12.2014, No-29204) and SEA-Classification, Labeling and Packaging Regulation of Substances and Mixtures (RG.11.12.2013, No. -28848) and also meets the requirements of EU regulation 2015/830.

A Chemical Safety Assessment has not been performed for this product .

### SECTION 16 Other information

<b>Revision Date</b>	Edited for the first time.
<b>Initial Date</b>	Edited for the first time.

#### SDS Version Summary

Version	Issue Date	Sections Updated
Zero	06.04.2023	-

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the SEA Classification committee using available literature references.

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The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

### Definitions and abbreviations

**It has been prepared on the basis of information received from suppliers.**

H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.

**SDS No: KDU-A-0-0049/SEVGİ AKKUZU/ Sevgiakkuzu13@gmail.com / 01.08. 2024**

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