

## MATERIAL SAFETY DATA SHEET

### 1-PRODUCT AND SUPPLIER DEFINITION

Product Name	ÇATIPAN-CEPHEPAN PUR/PIR Insulated Roof & Wall Panels
Manufacturer Name	Panelsan Çatı ve Cephe Sistemleri San. ve Tic. A.Ş.
Address	Polatlı Organize Sanayi Bölgesi 202. Cadde No:18-20-22 Polatlı- ANKARA-TURKEY
Telephone Number	+90 312 626 50 50 Fax: +90 312 626 50 45
e-mail	info@panelsan.com
In Case of Emergency	Quality Control Department (+90 312 626 50 45)

### 2-CHEMICAL COMPOSITION

Component	Chemicals	Ratio %
Polymerized polyurethane/ Polyisocyanurate rigid cellular plastic foam	PUR/PIR	~ 22 %
Carbon alloy galvanized and painted steel sheet		~ 78 %

### 3-HAZARD IDENTIFICATION

Hazard Category	Not Applicable
Hazard Classification	None-Hazardous

### 4-FIRST AID MEASURES

Inhalation	Dust is non-hazardous. Remove the person to fresh air.
Skin	Non-sensitising
Eyes	Dust particles should be removed by flushing with clean water
Ingestion	No information available
Other	Seek medical attention if discomfort persists.

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### 5-FIRE-FIGHTING MEASURES

It is prudent to take precautions against ignition, fire spread and smoke hazard:	
Suitable media	Waterspray (fog), Foam, CO2 or Dry Chemical
Un-suitable media	Not applicable. (Aluminium particulate fire Use a class D dry powder extinguisher. Do not use water or halogenated extinguishing media.) Fire fighters should use self-contained breathing apparatus and saturate burning foam with water from a spray nozzle.

### 6-ACCIDENTAL RELEASE MEASURES

Not applicable

### 7-LOADING-UNLOADING & STORAGE

Store in original packing in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat. Keep product protected from the elements. Ensure stability of stack and provide adequate aisle space for access between stacks.

### 8-PRECAUTIONS IN CASE OF EXPOSURE/PERSONAL PROTECTION

Inhalation	Dust is non-hazardous. Dust from aluminium facings Aluminium, particularly in the form of particles, reacts with halogenated acids, water and caustic alkalis producing flammable hydrogen gas. May give off hydrogen gas, when exposed to damp conditions. As with all cutting procedures it is recommended that a disposable dust mask be worn.
Hands	It is recommended that gloves be worn when handling the product.
Eyes	Eye protection is recommended during mechanical cutting. (When installing a product with reflective facings in very bright or sunny weather it is advisable to wear UV protective sunglasses or goggles).
Skin	Non-sensitising (When installing a product with reflective facings in bright sunlight, it is advisable to consider skin protection from UV).
Other	The smooth facing used on roof products can be slippery underfoot when wet or other adverse weather conditions.

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### 9-PHYSICAL & CHEMICAL PROPERTIES

Appearance	Steel sheets bonded to rigid cellular yellow foam
Odour	Negligible
Insulation Density:	36-42 kg/m <sup>3</sup>
Flash point	Not applicable
Melting point	Not applicable
Solubility in water	Insoluble

### 10-STABILITY & REACTIVITY

Stability	Stable
Incompatibility	None Known
Hazardous Decomposition	Carbon dioxide, carbon monoxide, possible traces of hydrogen cyanide, halogen acids and nitrogen oxides under fire conditions.
Hazardous Polymerization	Will not occur

### 11-TOXICOLOGICALLY

None, regarding the current product information

### 12-ECOLOGICALLY

The product is inert and stable in water and soil

### 13-DISPOSING

No specific procedure, Follow local regulations for disposing

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### 14-TRANSPORT INFORMATION

Read this section in conjunction with section ( 7 )

### 15-REGULATION

Not applicable. Follow local regulations

### 16-OTHER INFORMATION

Please contact us for your further questions.