

Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT / SUBSTANCE / MIXTURE AND COMPANY IDENTIFICATION

PRODUCT NAME: Classic-Therm® PSP

APPLICATION: Thermal insulation in construction

COMPANY IDENTIFICATION: Ostrowski Sp. z o.o.
Ul. Smółki 30A
44-213 Książenice
Tel. 32 33 55 100
Fax 32 33 55 102
biuro@fbhostrowski.pl
www.fbhostrowski.pl

2. HAZARDS IDENTIFICATION

UNKNOWN ARE SPECIAL HAZARDS

APPEARANCE: Yellow, odorless foam plates with closed cell structure covered with assembly glue.

EMERGENCY ACCIDENTS: To avoid ignition, avoid open flames, smoking and high temperatures. Grinding, cutting or other treatments can produce dust particles that can form flammable dust under specific conditions, which can ignite. Exposure to dust can irritate the eyes, nose and throat.

HAZARDS OF HUMAN HEALTH: No specific threats

SAFETY HAZARDS AND WORK HYGIENE: No specific threats

ENVIRONMENTAL PROTECTION: No specific threats

POTENTIAL HEALTH EFFECTS

INHALATION: Dust may be formed during mechanical treatment such as grinding, sawing or other treatments, it may cause irritation of the nasal, pharynx and respiratory tract.

CONTACT WITH SKIN: No effect was found

CONTACT WITH EYES: Dust produced by grinding, sawing or other treatments may cause eye irritation.

INGESTION: Ingestion of the product may cause irritation of the digestive system and / or disorder.

INFORMATION FOR DOCTOR: No specific antidote

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	WE#
POLYSTYRENE	9003-53-6	500-008-9
FOAMING COMPONENT:		
R152 (a): 1:1- difluoroethane	75-37-6	200-866-1
Carbon dioxide	124-38-9	204-696-9
Isobutane (as a CO2 foaming component)	75-28-5	200-857-2
Flame Retardant:		
Brominated flame retardant with a synergist	-	-
Solvent:	DME 115-10-6 or Ethanol 64-17-5	204-065-8 200-578-6
Talc:	-	-
Dye:	-	-

Double sided adhesive tape with a pressure sensitive adhesive based on an acrylate dispersion; liner: silicone Paper.

4. FIRST-AID MEASURES

INHALATION: Move the victim to fresh air.
If symptoms occur, please contact your doctor.

CONTACT WITH SKIN: Wash the skin with plenty of water, clean the adhesive residue with water and soap.

CONTACT WITH EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, consult a doctor.

INGESTION: Consult a doctor.
Do not use laxatives and do not induce vomiting.

5. FIRE-FIGHTING MEASURES

FLASH-POINT: 320 ° C Flash point according to ASTM D1929 (B)

EXTINGUISHING MEDIA: Water, foam, powder, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS:

In fire conditions, the polymers decompose. The smoke may contain polymer fragments of a different composition and, in addition, unidentified toxic or irritant compounds. The main products of combustion are carbon dioxide, styrene, carbon monoxide (CO), nitrogen oxides (NOx) and organic pyrolysis products.

OTHER IMPORTANT INFORMATION RELATING TO FLAMMABILITY:

When the product is stored in closed containers, flammable vapors may accumulate.

INSTRUCTIONS DURING FIRE:

Keep people away. Insulate the area of fire.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTING:

Wear a hypertensive self-contained breathing apparatus and fire protective clothing.

6. PROCEDURE IN CASE OF UNINTENTIONAL RELEASE TO THE ENVIRONMENT:

PROTECTION OF PEOPLE:

Remove all people who are not involved in the accident from the danger area. Use the right protective equipment.

ENVIRONMENTAL PROTECTION:

The extinguishing water can be toxic.

CLEANING:

Pick up, collect dust and pieces. Place in a suitable container.

7. PROCEDURE WITH SUBSTANCES / MIXTURES AND THEIR STORAGE

PRODUCT HANDLING:

Prevent dust accumulation.
To prevent the formation of flammable vapors do not store large amounts in a space without ventilation

STORAGE:

Flammable vapors may accumulate.
The storage space should be ventilated.
Storage, use and service should take place in a non-smoking area.
The material can not be exposed to the flame and other sources of ignition.
Use appropriate measures to prevent the accumulation of electrostatic charges.

8. EXPOSURE CONTROL / INDIVIDUAL PROTECTION

RECOMMENDATIONS IN THE FIELD OF TECHNICAL MEASURES:

Provide general and / or local exhaust ventilation systems to control the air concentration below the exposure guidelines.

PERSONAL PROTECTIVE EQUIPMENT:

Eye and face protection: Use safety goggles.
Skin protection: Wear clean clothing covering the whole body.
Respiratory protection: The atmospheric pressure level should be kept below the acceptable limit.
Use in a dusty environment: use an approved dust respirator.
General protection and hygiene measures: Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Yellow polystyrene foam boards covered with assembly adhesive
PHYSICAL STATE:	Constant / Solid
ODOUR:	Low own odour
WEIGHT:	30 - 40 kg/m ³
pH:	NA
SOLUBILITY (water):	Insoluble
SOFTENING TEMPERATURE:	104°C
DECOMPOSITION:	>= 320 °C (Flash-point) 180°C (Physical / chemical degradation)

UPPER AND LOWER EXPLOSIVENESS LIMIT (Obj%):

LEU:	DME	26,2
LEL:	DME	3,3
LEU:	ISOBUTANE	8,5
LEL:	ISOBUTANE	1,8
LEU:	R 152 (a)	16,9
LEL:	R 152 (a)	3,9

10. STABILITY AND REACTIVITY

STABILITY:	Thermally stable in typical conditions of use.
CONDITIONS TO AVOID:	Max. use temp: 75 ° C Avoid temperatures above 250 ° C Avoid direct sunlight.
INCOMPATIBILITY IN OTHER MATERIALS:	Avoid contact with oxidizing materials, aldehydes, amines, esters, fuels and organic solvents.
HAZARDOUS DECOMPOSITION PRODUCTS:	The main combustion products are carbon monoxide, carbon dioxide and styrene. The foaming agent contains halogens, halogenides, hydrogen fluoride.
FURTHER INFORMATIONS:	No hazardous decomposition products if stored and handled as prescribed.

11. TOXICOLOGICAL INFORMATION:

ACUTE OR CHRONIC TOXICITY:	Dust from grinding, sawing and drilling can cause mechanical irritation to eyes and skin. Ingestion may cause temporary irritation of the throat and stomach. Inhalation may cause irritation of the nose and throat, coughing.
CARCINOGENIC ACTIVITY:	The long-term health effects resulting from long-term use of the product are not known.

12. ECOLOGICAL INFORMATION:

ECOTOXICITY:

There is a high probability that the product has no harmful effects on aquatic organisms. Inhibition of the active sludge decomposition is not expected when introduced into biological treatment plants at appropriate low concentrations.

Toxicity to fish: LC 50 (96 h) > 500 mg/l, *Leuciscus idus* (DIN 38412 Part 15)

DURABILITY AND DEGRADABILITY:

Experience shows that this product is inert and does not decompose.

The product has not been tested. This statement is based on products of similar structure and composition.

BIOACCUMULATION POTENTIAL:

The product is not bioavailable due to its consistency and does not dissolve in water.

13. CONDUCT WITH WASTE

All waste management methods should comply with federal and / or local regulations.

Waste designation: Adhesive and sealing wastes.

Waste code: 080410

Packaging: Disposal in accordance with local waste disposal regulations (for example: storage, incineration, recycling).

Waste designation: Packaging made of paper and cardboard.

Waste code: 150101

14. TRANSPORT INFORMATION:

Land transport:	ADR	Not classified as a dangerous substance
	RID	Not classified as a dangerous substance
Inland shipping:	ADNR	Not classified as a dangerous substance
Maritime transport:	IMDG	Not classified as a dangerous substance
Air Transport:	IATA	Not classified as a dangerous substance

15. INFORMATION REGARDING LEGAL REGULATIONS:

CARD PERFORMED IN ACCORDANCE WITH:

Norm PN ISO 11014-1; 1998 Bezpieczeństwo chemiczne - Karta charakterystyki bezpieczeństwa produktów chemicznych" - Chemical safety - Safety data sheet for chemical products.

Guidelines of the Directive UE No 1999/45/EG, Directive 67/548 EEC and Directive UE 88/379/EEC (Dangerous Product Regulations incl. EC Guidelines), concerning the classification, marking and compilation of information about hazardous materials.

The Act on Chemical Substances and Preparations of 11 January 2001.
(Dz. U. Nr 11, poz. 84; Nr 100, poz. 1085; Nr 123, poz. 1350; Nr 125, poz. 1367
ze zmianą z dnia 5 lipca 2002 r. (Dz. U. Nr 142, poz. 1187).

Regulation of the Minister of Health of July 3, 2002. on the safety data sheet of a dangerous substance and a dangerous preparation (Dz. U. Nr 140, poz. 1171).

Regulation of the Minister of Health of July 3, 2002 on the list of dangerous substances with their classification and labeling - ATTACHMENT (Dz. U. Nr 129, poz. 1110).

Regulation of the Minister of Health of September 2, 2003 on the labeling of packaging of dangerous substances and dangerous preparations (Dz. U. Nr 173, poz. 1679).

Regulation of the Minister of Health of September 2, 2003 on the criteria and method of classification of chemical substances and preparations (Dz. U. Nr 171, poz. 1666).

Regulation of the Minister of Health of July 15, 2002 on dangerous substances and dangerous preparations, packaging of which should be supplied in closures that make it difficult for children to open and tactile warning warning about danger (Dz. U. Nr 140, poz. 1174).

Regulation of the Minister of Health of July 14, 2002 on the obligation to provide a safety data sheet for some preparations not classified as dangerous (Dz. U. Nr 142, poz. 1194).

Regulation of the Minister of Labor and Social Policy of November 29, 2002 (Dz.U.217 poz.1833) on the highest permissible concentrations and intensities of agents harmful to health in the work environment.

Regulation of the Ministry of Health and Social Welfare of September 11, 1996. (Dz. U. Nr 121, poz. 571) on carcinogens in the work environment and supervision over the health condition of workers exposed to these factors.

Regulation of the Ministry of Environmental Protection, Natural Resources and Forestry of April 28, 1998. (Dz. U. Nr 55, poz. 355) on the limit values for concentrations of pollutants in the air.

Regulation of the Minister of Economy of October 21, 1998. (Dz. U. Nr 145, poz. 942) and the amendment of March 5, 2001. (Dz. U. Nr 22, poz. 251) on detailed rules for the disposal, use and disposal of hazardous waste.

The Act of 27 April 2001 on waste (Dz. U. Nr 62, poz. 628) and the ordinance of the Minister of the Environment of September 27, 2001 regarding the waste catalog (Dz. U. Nr 112, poz. 1206).

Classification of dangerous goods according to the European Agreement concerning the International Carriage of Dangerous Goods ADR (valid from 01.07.2001).

16. OTHER INFORMATION

The user is responsible for taking all steps to meet the requirements of national law. The information contained in the above-mentioned card is a description of the safety requirements for the use of the preparation. The user bears full responsibility for determining the suitability of the product for specific purposes. The data contained in this card does not constitute an assessment of the user's workplace safety. The safety data sheet can not be considered as a guarantee of the properties of the preparation.