

# MATERIAL SAFETY DATA SHEET

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## MANAVI Collection mouldings: Baseboards, Cornices, Chair Rails, Cornices for indirect light

MSDS Name: Extruded Polystyrene mouldings for architecture

### \*\*\*\* SECTION 1 - PRODUCT INFORMATION\*\*\*\*

Product ID: Moulding

Common Chemical Name: Polystyrene extruded moulding

Molecular Formula:  $[C_8H_8]_n$

Constituent material: Extruded polystyrene; fine and closed-cell, white, homogeneous foam

Density: approx. 350 kg/ m<sup>3</sup>

### \*\*\*\* SECTION 2 - INGREDIENTS\*\*\*\*

|                |           |
|----------------|-----------|
| Chemical Name: | CAS       |
| Polystyrene    | 9003-53-6 |

### \*\*\*\* SECTION 3 - USE \*\*\*\*

Fitting and storage conditions:

For the best result, the product will be fitted and stored in conditions close to those of final use (similar temperature and humidity). Fitting on a wet backing surface (fresh plaster) and in forced drying conditions (heat gun, dehumidifier, exceptionally high temperature) are to be ruled out.

Backing:

The following backing surfaces are suitable: indoor plastered surfaces, coated plaster. Surfaces must be clean, dry, free from dust, degreased and flat; rough down if necessary. It is suitable for installation in humid environments. If the product is to be applied to particular backing surfaces, please consult our technical department.

### \*\*\*\* SECTION 4 - HAZARDS IDENTIFICATION \*\*\*\*

Basic non-toxic polymer. Toxicity and polymer monomer polymerization of styrene is not related to the amount of the main, have a strong stimulating effect on the respiratory tract. Contact the workers have pharyngitis, chronic tonsillitis, individual workers suffering from dermatitis. This product is flammable, irritant.

### \*\*\*\* SECTION 5 - FIRST AID MEASURES \*\*\*\*

Filed eyelid, rinse with water or saline. Medical treatment.

Skin: Remove contaminated clothing, wash with water flow.

Ingestion: Drink plenty of warm water, emetic. Medical treatment.

Inhalation: From the scene to fresh air. If breathing is difficult, give oxygen. Medical treatment.

### \*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\*

Hazardous characteristics:

The powder form explosive mixtures with air, when the concentration reaches a certain degree, when Mars will be an explosion.

Thermal decomposition produces flammable gas.

Hazardous combustion products: carbon monoxide, carbon dioxide.

Fire extinguishing method: fire fighters are required to wear gas masks, wearing full body fire suit, fire in the wind.

Extinguishing media: water spray, foam, dry powder, carbon dioxide, sand.