

Proclad Premium Grade

Safety Properties

Substance/preparation and Company detail

Material Name: Marvec

Interior Panel Systems Ltd
Unit 1
Shepcote Business Park
Europa Drive
Sheffield
S9 1XT
0114 279 9188

Composition / Indications to components

PVC Resin, Ultra-violet inhibitors, Impact Modifiers and Pigment, Processing additives.

Possible dangers

No significant hazard to health.

Inhalation: When sawing, drilling or trimming, dust is created which can cause irritation of the nose, throat and lungs. These operations should be carried out in a well ventilated area.

Ingestion: Not applicable

Skin contact: Like any foreign body, continued intimate contact with particles can cause slight irritation. Good personal hygiene is necessary to ensure there is no build-up of dust and particles inside gloves, overalls etc.

Eye contact: Any foreign body can cause irritation to the eye.

Effects of a Repeated Overexposure: None currently known

Medical Conditions Aggravated by Overexposure: None currently known

Other Effects of Overexposure: None currently known

First-aid measures

In general handling the material will not cause accidents.

Inhalation: In case of fume inhalation, move subject to fresh air. Obtain medical attention if ill effects occur.

Ingestion: Obtain medical attention if ill effects occur.

Skin Contact: Wash affected area thoroughly with soap and water.

Eye Contact: Flush eyes with large amounts of water to remove foreign body. Consult doctor if irritation persists.

Manufacturers Safety Data Sheet



Revision Date 19/10/2018

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Fire-fighting measures

Extinguisher type: Carbon dioxide, Water, Foam Dry powder

Extinguisher to Avoid: No information currently available.

Special Exposure Hazards: Material will emit noxious fumes which may contain carbon monoxide, carbon dioxide, HCl gas and soot particles.

Special Protective Equipment: Wear protective gloves and overalls as protection from molten plastic. Breathing equipment is required if fire occurs in an enclosed area.

Fire Rating: Material is classed as self extinguishing but will burn if exposed to a continuous source of ignition.

Measures in case of unintended release

Personal Precautions: None required

Environmental Precautions: Do not dispose of waste material by burning

Clean Up Method: No special methods necessary.

Handling and storage

Handling: Wear protective gloves. Caution when handling large sheets in windy conditions.

Storage: Store flat on an even, level surface, supported at all points.

Limitation of exposition

Respiratory protection: Dust mask should be worn when sawing, drilling or trimming material.

Hand protection/protection gloves: Gloves should be worn when handling material to protect from sharp edges.

Eye protection: Eye protection should be worn when sawing, drilling or trimming material.

Skin Protection: If dust is produced cover skin where possible.

Other protective equipment: No special protection needed

Physical and chemical characteristics

Appearance: Clear solid

Physical State: Solid

Odour: Odourless

Density (@20°C): 1.4 gm/cm³

Melting Point: Softening point circa 75°C

Boiling Point 760 Hg: N/A

Flash Point: N/A

Ignition Temp: >390°C

Viscosity: N/A

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Solubility in Water: Insoluble

Explosion Limits: Low order risk classification

Stability and reactivity

Stability: Decomposition can start as low as 100°C if exposure to heat is over a long period.

Conditions to avoid: Smouldering and incomplete combustion may cause toxic fumes, mainly CO, CO₂ and HCl.

Incompatible materials: None

Hazardous decomposition products: No hazardous reactions observed

Toxic information

Acute effects: None

Primary Irritation: Intimate contact with particles can cause irritation

Sensitisation: None

Additional Information

No additional toxicity information currently available.

Ecological information

Considered ecologically benign. Not readily decomposed by weathering or micro-organisms.

Other Information

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this safety data.

Waste-disposal information

Suitable for mechanical recycling. Can be re-melted and reprocessed. Maybe discharged or incinerated along with domestic waste if local regulations are observed.

Transport information

Not a dangerous cargo. Keep dry. Transport on a flat bed vehicle, preferably with closed sides. Otherwise cover with tarpaulin or net and rope securely.

Regulations

No labelling required for this material by CHIP and corresponding EC directives.

Other: Where dusts are formed as a result of mechanical processing (grinding, sawing etc.) the appropriate regulation for fine dusts should be observed.

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Further information

The details listed above are confidential. They are based on our present state of knowledge and are relevant to the product with regard to any likely safety requirements. They do not give any warranty or assurance.