

### Product, Identification and Emergency Contact

**Name:** PVC Antimicrobial sheet, white, flat

**Supplier:** Beplas Hygienic Walls and Ceilings Ltd, Helix Business Park, New Bridge Road, Ellesmere Port, Wirral CH65 4LR. Tel 0800 413 758.

### Composition

PVC Resin, Ultra-violet inhibitors, Fire retardants, Processing and Antimicrobial additives.

### Hazard Identification

#### Routes of Entry

**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. (See Section 8)

**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. (See Section 8)

**Major Health Effects:** No significant hazard to health.

**Environmental effects:** No detrimental effects on the environment.

### First Aid Measures

**After Inhalation:** In case of fume inhalation, move subject to fresh air.

**After Ingestion:** Not applicable

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

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

### Fire Fighting Measures

#### Suitable Extinguishing Media:

Carbon dioxide, Water, Foam Dry powder

#### Unsuitable Extinguishing Media:

None

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

**Special Protective Equipment:** Wear gloves and overalls as protection from molten plastic. Breathing equipment is advisable 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.

### Accidental Release (Leaks/Spillages) Measures

**Personal Precautions:** None required.

**Environmental Precautions:** Do not dispose of waste material by burning.

**Clean-up Method:** No special methods necessary.

**Other Hazards:** None

### 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.

### Exposure Controls/Personal Protection

**Engineering measures:** Classed as a "Fragile material." Precautions should be taken as detailed in the Health and Safety Executive guidance notes HS / G33 and GS 10.

**Threshold limit value:** Not applicable.

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

**Hand protection:** 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:** Not applicable.

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

**Further information:** In case of fire noxious fumes are emitted (See Section 5).

### Physical and Chemical Properties

**Appearance:** White, solid

**Odour:** None

**Melting point:** Softening point circa 75°C

**Boiling point:** N/A

**Flash point:** N/A

**Ignition temperature:** >390°C

**Spontaneous Combustion:** N/A

**Density (@ 20°C):** 1.4 gm/cm<sup>3</sup>

**Vapour Pressure (@ 20°C):** N/A

**Viscosity (@ 20°C):** N/A

**Solubility[water] (@°C):** Insoluble

**Explosion limit (lower):** Low order risk classification

**Explosion limit (upper):** N/A

**Any other pertinent:** N/A

### 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 and CO<sup>2</sup>.

**Materials to Avoid:** None

### Toxicological Information

**Hazardous Decomposition Products:** No hazardous reactions observed.

**Acute effects:** None

**Primary Irritation:** Intimate contact with particles can cause irritation

**Sensitisation:** None

**Chronic effects:** None

**Route(s) of entry:** None

### Ecological Information

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

### Waste Disposal

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

**Contaminated Packaging:** Not applicable

### Transport

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

### Regulations

**Labelling:** 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.

### Additional 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.