



## SAM

# Material Safety Data Sheet

<i>Chemical Name:</i>	Moisture Resistant MDF Moulding
<i>Trade Name:</i>	SAM
<i>Chemical Family:</i>	Wood Based Panel Product
<i>Formula:</i>	Mixture
<i>Ingredients:</i>	Mixed Softwoods 82%
	Melamine modified urea resins 9-12%
	Paraffin Wax 0.5%
	Water 6 - 8%
	Silica <0.05%
	Free Formaldehyde <0.04%
	Water borne primer

### **Physical & Chemical Characteristics**

<i>Specific Gravity:</i>	0.65 –0.99
<i>Appearance &amp; Colour:</i>	Unprimed – light brown surface Factory primed – White

### **Fire & Explosion Hazards**

<i>Extinguisher Media:</i>	Water
<i>Explosion Hazards:</i>	None for SAM, however, airborne wood dust generated during re-manufacture operations may present an explosion hazard. Smoking should not be permitted. Dust should be removed continuously from processing machinery.



**Health Hazards:**

At re-manufacturing time wood dust may increase mucosal output and possibly an allergic reaction in some persons. Wood dust impinging upon the eyes will cause irritation. Most effects are readily reversible after end of exposure.

**Personal Protection**

**Recommendation:**

Use dust mask and safety glasses.

**Special Control Methods:**

Recommend high efficiency dust collection during re-manufacturing to ensure compliance with the limits set for formaldehyde and wood dust, under Health and Safety regulations: EH 40/2005 and the COSHH regulations:

1. Wood dust limited to 5mg/m<sup>3</sup> Air
2. Formaldehyde limited to 2PPM

(Levels of formaldehyde emitted from SAM are significantly lower than maximum specified in BS1142)

**First Aid:**

*Inhalation of wood dust:*

Fresh air, Clean nasal passages.

*Contamination of eyes with wood dust:*

Flush with tepid water for 15minutes.