

Control Of Substances Hazardous To Health (COSHH)

Metrotiles and accessories may be considered to be inert since the emulsified resins used in the coating process are oven cured in manufacture. Normal care should be taken in handling, cutting and bending to avoid cuts or abrasions to the hands. Operatives may prefer to wear gloves.

The following schedule lists the chemical components of the emulsions, which are applied to a zincalume substrate.

Composite Material Used in Manufacture	Risk
Nature	None
Steel	None
Aluminum	None
Zinc	Inflammable as a powder
Mathacrylate	Irritant as a powder
Calcium Carbonate	None
Barium Sulphate	None
Calcium Floride	None
Iron Oxide	None
Titanium Oxide	None
Mica	None
Zinc Oxide	None
2.2.4 Trimethyl 1.3 Pentanediol	None
Monoisobutyrate	None
Hydroxyethyl Cellulose	None
Metallic Soaps	None

CDM Design Risk Assessment

Activity	Hazard	Risk	Risk Level	Design Option/Control	Residual Risk	Comments / Action
	Cutting tiles	Injury to eyes and other parts of body.	High	Cut using a guillotine not abrasive wheel.	Medium	Ensure gloves worn, to protect from sharp edges.
		Dust and noise problems.	High	Dust and noise minimal	Low	
		Damage to tiles	High	Less risk of accidental damage.	Low	Use competent operators
		Fire Risk	Medium	Minimal fire risk	Low	
Special Adaptations (Vents, ridges etc)	Damage to existing tiles.	Costly remedial work, fall of material	High	Cutting Metrotiles is simple and has low damage risk. Cut material is easily controlled.	Low	Take care with sharp edges
	Complex adaptations	Damage, time consuming operations.	Medium	Use purpose built modules.	Low	Use competent fixers