

Chemical substances hazard information and safe use instructions.

**ADHESIVES:
REACTIVE RESINS,
FORMALDEHYDE**

Brand Names

Sekisui Chemical Co.

Components

Esron bond NO.400 A (epoxy resin)
NO.400 B (meta-xylene 11%, aliphatic polyamines)

Uses/Processes

Used for bonding wood where a particularly strong waterproof joint is required.
A catalyst may be added to accelerate setting at room temperature.
Normal/low temperature hardening type.
For general use and anti-corrosion protection.

- Strong adhesive power.
- Maintains its properties and high flexibility at low temperature.
- Excellent water-proof quality.
- Performance is maintained even for severe temperature variations.

Hazard Assessment

Methanol fumes are given off during curing. Maximum Exposure Limit (MEL) is 2ppm. This will not be reached in the manufacture of a wooden bathtub.

Some resin components are a complex mix of hydrocarbons having heavier than air vapours which are harmful if inhaled.
Both fume and vapour will be swept away with good natural ventilation.

Urea formaldehyde powder is subject to the general dust limit: an MEL of 10 mg/m³ averaged over eight hours. However, unless more than a litre of adhesive is prepared at once, this limit will not be reached.

Prolonged contact with the skin may cause dermatitis. Methanal (formaldehyde) is a recognised skin sensitizer

Conforms to JIS standards

Controls

- All work must have good natural ventilation.
- Gloves should be worn or a barrier cream should be applied. The skin should be thoroughly washed with soap and warm water after using the adhesive and before eating or drinking.
- All containers should be closed when not in use to minimise evaporation or spillage.
- use protective glasses in cases of outdoor application or if product is likely to disperse
- Use of fire or free flames is strictly forbidden

Immediate Remedial Measures

- *If in the eyes:* Irrigate immediately with water for at least ten minutes, holding eyelids apart. Obtain medical attention.
- *If on the skin:* Remove excess with hand cleaner, followed by washing with soap and water. Do not use solvents.

Storage

Store in a cool, dry place with containers tightly closed inside a flameproof cabinet.

Disposal

Dispose of properly in accordance with all state and local regulations for general construction work debris.
No special requirement or precaution.

Translated and Compiled by Bartok design Co. on 11/18/2008
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