

## FP0 Technical Data Sheet

**Appearance:** White crystalline solid or clear liquid above 0°C

**Chemical composition:** Hydrated ammonium bicarbonate (min. 90%)

**Density:** 0.917 g/cm<sup>3</sup> at -5°C

**Specific gravity:** 0.998 at 10°C

**Melting point:** 0°C

**Latent heat of fusion:** 333 kJ/kg (isothermal max)

**Heat capacity (liquid):** 4.1 kJ/kg°C

**Heat capacity (solid):** 2.0 kJ/kg°C

**Thermal conductivity (solid):** 0.0100 J/sec/cm°C (est.)

**Thermal conductivity (liquid):** 0.0050 J/sec/cm°C (est.)

Non combustible (see MSDS)

Non flammable

Non Dangerous Goods classification – MSDS available on application.

Materials compatibility up to 40°C:

Most common thermo resins and thermo-set resin

Glass, concrete, rubber and hardwoods.

Not recommended for extended contact with copper-based alloys.