

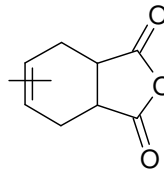
Advanced Materials

Aradur HY 918 CI Technical Data sheet

Liquid Anhydride Curing Agent

- Description** Aradur HY 918 CI is an extremely versatile high performance liquid anhydride hardener for epoxy resins. It possesses the following merits:
- High glass transition temperature
 - Low moisture permeability
 - Good thermal stability
 - Improved thermal shock resistance
 - High modulus
 - Non-crystallizing

- Chemical Description** Aradur HY 918 CI is methyl tetrahydro-phthalic anhydride (MTHPA)



- Application** HY 918 CI can be used in epoxy potting, casting, vacuum impregnation and encapsulation compounds which are subjected to very high voltages at high temperature. It is also an excellent selection for pultrusion, filament winding and resin transfer molding (RTM) applications.

- Advantages**
- Low viscosity
 - Good thermal resistance performance
 - High glass transition temperature
 - Good electrical properties
 - Non-crystallizing
 - High modulus

TYPICAL PROPERTIES*:

Visual Appearance	Water white liquid
Color Index, Gardner	< 2
Density,	1.20 – 1.25 gm/cm ³
Viscosity @ 25 °C ,	30 - 53 mPa.s

FIRST AID:

In case of contact:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If conscious, give plenty of water to drink. Do not induce vomiting. Call a physician.

Inhalation: Remove to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

Other: Referral to physician is recommended if there is any question about the seriousness of any injury.

STORAGE:

Storage temperature is 2 to 40 °C. Anhydride is general sensitive to moisture, storage container should be ventilated with dry air only.

Handling/SafetyPrecautions :**Caution! Avoid dusty conditions.**

Avoid contact with eyes.

Avoid breathing dust.

Avoid prolonged or repeated contact with skin.

When poured, resin can generate static electricity sparks which can ignite flammable vapors or dusts.

Use with good ventilation.

Read Material Safety Data Sheet Before Using.**For Industrial Use Only.**

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

Legal Notice

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