Quick Cure® 420

Quick Cure 420 is a eutectic mixture of nitrate salts formulated for a specific range of operating temperatures. It is used as a molten heat transfer salt bath for curing rubber.

Quick Temper 430 (product code 2281010) is a similar product used for solution annealing of aluminum and tempering steel.

Features & Benefits

High purity	Consistent melting point/ Lower consumption
Low melting point	Reduced energy cost
Package flexibility	Multiple handling options
Free flowing powder	Safer addition

Typical Applications

- Curing rubber

Operating Conditions

Melting point	420°F
Weight	113 lb/ft^3
Operating range	500°F – 1100°F

Quick Cure 420 has a very sharp melting point and is very fluid at the operating temperatures.

Quick Cure 420 has the following advantages in its use as a molten salt bath:

1. Quick Cure is chemically stable over its wide operating range of temperatures.
2. It is only necessary to replace that which is lost through drag-out.
3. Quick Cure 420 operates at a wide range of temperatures -- 500°F to 1100°F.
4. The salt bath, when heated, maintains its viscosity over its temperature range with very little change.
5. All chemicals used in Quick Cure 420 are water soluble and do not form any insoluble ones. Therefore, the solidified salt is easily removed from the work in hot water.
6. Chemicals incorporated into the formulation are technical grade to insure a high purity, high grade, trouble-free mixture.

Control Requirements
Ordinarily not required for rubber curing applications.

Equipment Required
Standard salt bath pot furnaces are available which are heated electrically, or by gas or oil. Cast, pressed steel, welded steel, or ceramic pots can be used. Ceramic pots are used only with electric immersion heaters.

Waste Disposal

Discharge to a disposal system. To be completely informed on the latest regulations for your area, please contact the local authorities.

Caution

Consult Quick Cure 420 SDS before handling this product. Avoid contact with skin and eyes. Wear protective clothing, goggles and rubber gloves. Flush exposed areas immediately with clean, cold water. In case of injury, contact a doctor immediately.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our people. Your problem solvers.

For more information on this process please call us at
1-800-648-3412
or techservice@hubbardhall.com

Cleaning the Hard to Clean
Finishing the Hard to Finish
Treating the Hard to Treat