

# GUIDELINES FOR PROPER STORAGE, HANDLING AND USAGE OF EPOXY PRODUCTS

## ***STORAGE:***

Epoxy can have a shelf life of 2 years or more when stored at between 65 - 75 degrees. Store unmixed epoxy in original containers with lids or caps tightly secured. Store products off the floor and do not leave exposed to cold environments even if only over night in work or delivery vehicles. Epoxy can "**Freeze**" or thicken and become solid if exposed to temperatures below 60 degrees. Epoxy product that becomes "**Frozen**", thickened or solid because of exposure to cold can be re-warmed to at least 80 - 100 degrees until it thins up again. Heaters, submersion in hot water or placing the epoxy product inside air compressors cabinets are common ways of re-warming product. Cartridge product can be re-warmed in a microwave at 15 seconds for 10 ounce tubes or 30 seconds for 22 ounce cartridges and only 10 seconds additional intervals at a time until product is warmed sufficiently for use. **Use caution;** over microwaving can cause a cartridge to leak or burst. **DO NOT** let product become **hot** and let product cool to room temperature before use.

## ***HANDLING:***

Always wear protective clothing, gloves, eye protection and follow proper procedures per Manufacturers Safety Data sheets.

## ***USAGE:***

Always follow manufacturers printed instructions and any project specifications for the intended use of the product. **Thoroughly mix** product at the specified weight or volume ratio. Dispense dual cartridge product until equal amounts flow from cartridge **PRIOR** to attaching mixing nozzle and **then** dispense an **additional 4" - 6"** ribbon of product to ensure proper mixing prior to use or installation.

In cold weather or environments, **never** apply epoxy to frozen concrete. Frozen concrete can contain ice-crystals that will act as a bond-breaker when the concrete thaws. Pre-warm the surfaces that the epoxy will contact and warming the epoxy is also advisable.

In hot weather or environments, maintain the epoxy at below 80 degrees. The surfaces the epoxy will contact and any aggregates should also be cool or below 80 degrees.

Clean up tools and uncured epoxy with a recommended solvent. For disposal of empty containers, contact your state or local waste agency or US EPA RCRA hotline at 800-424-9346.