

## STORAGE, HANDLING AND MIXING - LMK656MV POLYESTER RESIN SYSTEM

### Storage and Handling:

#### LMK656MV RESIN

- The thermoset polyester resin should be stored in a cool, dry area. Ideal temperature is 60° F (15.6°C)
- **Prior to use resin may be chilled to a temperature between 35°F (1.7°C) to 40°F (4.4°C).**
- **DO NOT FREEZE THE RESIN.**
- Avoid excessive heating and cooling of the resin prior to use. Keep the thermoset resin out of direct sunlight, away from sparks and open flame.
- Shelf life of LMK 656MV Polyester resin is 6 months.
- Personal Protective Equipment should be worn when handling this product. See MSDS sheet for further information.

#### CATALYST

- The catalyst should be stored in a cool, dry area between 55°F (12.8°C) to 70°F (21.1°C).
- **DO NOT FREEZE THE CATALYST**
- Keep out of direct sunlight.
- Keep catalyst away from excessive heat, sparks and open flames.
- Protective gear should be worn when handling this product. See MSDS sheet for further information.

### Mixing Resin:

1. **IMPORTANT** – LMK656MV Resin must be mixed prior to dispensing, pouring off or adding catalyst. Mix thoroughly before adding catalyst and/or dispensing into smaller containers.

**Failure to mix the resin as directed will cause premature curing and negatively affect physical properties.**

**5-Gallon Pail: MIX CHILLED RESIN FOR 2 – 3 MINUTES PRIOR TO ADDING CATALYST.**

**55-Gallon Drum: MIX BULK RESIN FOR 1 HOUR PRIOR TO DISPENSING WITH PROPER MIXING EQUIPMENT.**

2. Add pre-measured catalyst received with kit or measure catalyst per charts on page 2.
3. Mix resin immediately and thoroughly after adding catalyst.

**MIX RESIN AND CATALYST FOR 2 – 3 MINUTES.**

# TECHNICAL DATA SHEET

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## Catalyst % and Cure Time:

- The resin is pre-promoted at LMK Technologies at a percentage appropriate for the shipping location. Each installer has been trained on the proper catalyst levels required to optimize working and curing time. Catalyst levels will vary depending upon ambient air temperatures, ground temperature, pipe configuration and desired working time. Any questions regarding proper catalyst levels should be directed to LMK Technologies Technical Support or Resin Mixing Department at 815-433-1275.

## Resin Disposal Instructions:

- With large quantities of unused poly resin, LMK recommends that you contact a state licensed hazardous material disposal company.
- Small quantities (1-2 pails) may be disposed of by adding catalyst (2% of resin weight) to the resin. Mix thoroughly in a well ventilated outside area. Allow the resin to cure and harden completely. Cool completely which will take approximately 24 hours. When the resin is cured and cooled the chemicals are now in an inert state and are no longer hazardous and may be disposed of in the trash.
- Always use appropriate Personal Protection Equipment, when handling resin and catalyst.
- Refer to the MSDS sheet for more information.