

# ChemLINE<sup>®</sup> TD

## Temperature Dissipating

### Application Instructions

ChemLINE TD must be mixed and applied properly to achieve all its insulative properties.

### Equipment Recommendations:

- Mixing equipment, ½ inch reversible drill with jiffy type mixing blade
- Airless spray system: minimum 1.0 gpm @ 3000 psi (Graco Bulldog or equivalent)
- Minimum ¾ inch spray hose, no ¼ inch line or whip
- Reversible nozzle with tip size .028 to .031 inch. Fan width depends on size of surface to be sprayed. For pipe, a 431 or 528 tip is recommended.
- Graco contractors gun or equivalent, **no filters**, with swivel nozzle.

### Safety Equipment:

- Enclosed areas: Saranex coveralls, full face air-supplied mask, rubber gloves
- Open areas: Tyvek coveralls, OSHA approved respirator, rubber gloves
- Use only with adequate ventilation. When applying in closed area, open doors, windows, or use other to ensure fresh air circulation. Forced air circulation with fans during application and drying is required.

### Surface Preparation:

- Remove all dirt, oil, grease, etc.
- Remove all rust and loose material by wet or dry abrasive blasting or power tool cleaning to SSPC SP-3/ISO St. 3
- Remove salts and other contaminants with deionized water or pressure washing with fresh clean water.
- Surfaces previously painted: when the existing coating is considered unsound or incompatible with ChemLINE TD coating, it shall be completely removed. If removal of existing coating is not required, it shall be

cleaned by acceptable methods and if necessary roughened by sanding or abrasive sweeping.

### Mixing Instructions:

- ChemLINE TD is supplied in kits (resin and catalyst) which contain the proper ratio of ingredients
- Material is supplied in two containers as a unit. **Always mix a complete unit in the proportions supplied.**
- Mechanically agitate component "A" (resin) until uniform consistency is achieved.
- Add component "B" (catalyst) and mix thoroughly for 3 to 5 minutes with mechanical mixer. The mixture must be smooth and homogenous before use. Pot life is approximately 6 hours at 77°F (25°C). Pot life will decrease as temperature increases.

### Application to hot surfaces above 176°F (80°C):

- Multiple coats can be applied within minutes.

### Application to cold surfaces:

- Maximum wet film thicknesses of 60 mils (1524 micron) can be applied in a single coat.
- Allow 8 to 12 hours (depending on temperature) for solvent release prior to application of additional coats.
- After the final coat has been applied and solvent allowed to release, heat the substrate to fully cure ChemLINE TD.

### Cleanup solvents:

- Acetone, Xylene, Toluene

ChemLINE TD can be applied by brush, roll, or spray.

For Industrial Use Only

