

# TECHNICAL DATA REPORT

## Non-Flammable Long Tack HVAC Adhesive | Mean Green Long Tack

Part Number: **MGLT-LC/SC (Cylinder Series)** | Recommended Use: A non-flammable, high-solids adhesive used to permanently bond fiberglass duct liner and duct board to galvanized steel, aluminum, and other substrates.

### 1. Product Overview & Key Features

Mean Green Long Tack (MGLT) is a high-performance, non-flammable, long-tack spray adhesive designed for large-scale commercial HVAC insulation applications. The high solids content (up to 32%) ensures a heavy web that bridges porous fiberglass, guaranteeing a permanent bond with less product usage for a cost-effective solution. This formulation utilizes a Methylene Chloride-Free chlorinated solvent blend and maintains an extremely low VOC content, ensuring compliance with strict air quality and safety standards.

#### Compliance and Performance Highlights

- Non-Flammable Status (Wet & Dry) eliminates fire risk and satisfies strict job-site safety and insurance requirements.
- Extended Open Time (4–8 minutes) provides a wider working window for repositioning large sheets and complex fittings.
- High Solids Content (27%–32%) ensures superior yield and structural hold on porous insulation.
- Low VOC Content (< 5% or approx. 0.67 g/L) meets strict air quality standards.
- Distinctive Green Color enables instant visual Quality Control (QC) of coverage on the substrate.
- Methylene Chloride-Free solvent system is a safer alternative compliant with current EPA safety mandates.

### 2. Technical Data

Physical & Chemical Properties	
VOC Content	< 5% (approx. 0.67 g/L)
Solids Content (by weight)	27% – 32%
Service Temperature Range	-20°F to 200°F (-29°C to 93°C)
Adhesive Base/Resin System	High Solids Synthetic Polymer / Chlorinated Solvent Blend

Physical & Chemical Properties	
Color/Appearance	Green / Liquid Web Spray
Solvent Type	Chlorinated Solvent Blend (Methylene Chloride Free)

Application & Performance Metrics	
Recommended Application Temperature	60°F–90°F (15.5°C–32°C)
Flash Time (Required Wait Time)	4 – 8 Minutes (depending on temp/humidity)
Cure Time (Full Strength)	24 Hours (Full Structural Strength)
Cleanup Solvent	Universal Adhesive Remover (UAR-SC) or compatible solvent
Estimated Peel Strength	Permanent Bond (Provides High Shear Strength)

**MATERIAL INCOMPATIBILITY WARNING: DO NOT use this product on Polystyrene, Styrofoam, Extruded Polystyrene (XPS), or Expanded Polystyrene (EPS) foams, as the solvent components will chemically attack and melt these materials.**

### 3. Safety Data Sheet (SDS) Summary

Hazard Identification (GHS Classification)	
Signal Word	DANGER
Physical Hazards (H-codes)	H280 (Contains gas under pressure; may explode if heated)
Health Hazards Summary (H-codes)	H332 (Acute Tox. 4 Inhal.), H350 (Carc. 1A), H304 (Asp. Haz. 1), H315 (Skin Irrit. 2), H336 (STOT SE 3)
Reproductive Toxicity Classification	Not Classified
California Prop 65 Warning	WARNING: Contains Perchloroethylene (Known to cause cancer)

Handling, Storage, and First Aid	
Storage Condition	Protect from sunlight. Store locked up in a well-ventilated place.
Key Safe Handling Precautions	Ventilation is Mandatory. Use outdoors or in a well-ventilated area with forced air movement. Consult the SDS for required PPE.

Handling, Storage, and First Aid	
First Aid (Ingestion)	IF SWALLOWED: Immediately call a POISON CENTER/doctor. DO NOT induce vomiting.

## 4. Frequently Asked Questions (FAQs)

**Is Mean Green Long Tack a non-flammable adhesive?**

Yes, it is non-flammable in both wet and dry states, which is critical for eliminating fire risk and satisfying strict safety requirements for commercial fabrication shops.

**What is the critical application component required for proper spraying?**

Due to the high-viscosity formula, the installer MUST use Tip 730116 with the spray gun. Standard tips may cause the adhesive to stream rather than achieve the correct web pattern.

**What is the primary compliance concern regarding this adhesive?**

This product contains Tetrachloroethylene (Perchloroethylene/PCE), which is subject to TSCA Sunset rules. Commercial and Industrial use is currently mandated to end on March 8, 2027.

**What is the adhesive's open time, and how does it benefit application?**

The extended open time is 4–8 minutes (up to a 20-minute working window). This provides positioning forgiveness, allowing extra time to align large sheets and complex fittings.

**How does the distinctive color assist the installer?**

The green color allows for instant visual confirmation of 100% coverage on the substrate, ensuring quality control and eliminating costly misses or voids.

**How does the high solids content affect product usage?**

The high resin load sits on top of porous fiberglass for a permanent bond. This superior resin load ensures excellent yield and value with less product needed per installation.