



Technical Data Sheet



GlobalTech® SMT Stencil Cleaner

Product Description

GlobalTech SMT Stencil Cleaner (SMT) is an innovative formula that is safe, fast drying and odor free. Quickly and effectively removes all types of solder pastes and fluxes, UV curable inks, adhesives and thick films found in electronic assembly manufacturing. It is an excellent all purpose cleaner and overall degreaser. SMT has been approved for use by DEK in their solvent bar systems for their automatic stencil wiper assembly.

Features

Dries to zero residue	No rinsing required
Fast drying	Odorless
High flash point	Plastic safe
Low toxicity	Will not harm fiducials

Applications

Batch ultrasonic cleaning machines
Manual and automatic cleaning
PC boards and components
Production equipment
Screens, stencils and squeegees
Tools, machinery and fixtures

Method of Use

Brush, wipe, spray, dip or immerse. Use at room temperature, do not elevate above the flash point. Not for vapor condensation cleaning. Drying can be enhanced by using dry wipes or an air knife.

Ingredients

Mixed Aliphatic Hydrocarbons, Cyclomethicone

Physical & Chemical Properties

Appearance	Clear Colorless Liquid
Boiling Point	346-406°F / 176-209°C
Evaporation Rate (BuAc=1)	0.17
Flash Point TCC	126°F / 52°C
Melting/Freezing Point	NE
Odor	No Odor
% Volatile (by weight)	100
Specific Gravity (water=1)	0.79
Solubility In Water	Slight
Vapor Density (air=1)	5.2
Vapor Pressure (mm Hg)	1.2
Viscosity	NA
VOC (g/L)	759

Hazard Data

Hazard Ratings

NFPA Health Hazard: 1, Flammability: 2, Instability: 0, Special Hazards: ND
HMIS Health Hazard: 1, Flammability: 2, Instability: 0, Personal Protection: B

Environmental

Clean Air Act (CAA)	Not Regulated
Global Warming Potential (GWP)	Zero
Hazardous Air Pollutant (HAP)	No
Ozone Depletion Potential (ODP)	Zero
Significant New Alternatives Policy (SNAP)	Approved
Superfund Amendments and Reauthorization Act (SARA)	Not Reportable
Toxic Substance Control Act (TSCA Inventory)	All Ingredients Listed

Material Compatibility

Safe for most plastics. Not recommended for water soluble paste and flux. If substrate is unknown, test sample area before general use.

Waste Disposal

For disposal methods, consult a licensed waste management firm or the appropriate local, state and federal agencies in your area. Liquid solvent can be reclaimed by distillation using the proper equipment or continuous filtered automatic cleaning equipment with built-in carbon or micron filter. Foil Refill Packs for our SuperSaturated SmartWipes® canisters help reduce environmental waste.

Storage & Shelf Life

SMT has a 12 month shelf life from date of shipment. Store at room temperature.

Ordering Information

Drums	DR55SMT
Weight	370 lbs
Dimensions	24" x 36"
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR100SMT-12
Weight	17 lbs
Dimensions	17" x 13" x 9"
Gallons (HDPE), 6/cs	GA6SMT
Weight	46 lbs
Dimensions	17" x 13" x 14"
Spray Bottles, 1 pint (16oz), 6/cs	SB6SMT
Weight	7 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW100SMT
Weight	19 lbs
Dimensions	16" x 11" x 16"

Availability

Products are available through global sales and a nationwide network of distributors.

Environmental Policy

As a leading manufacturer and supplier of SMT production supplies; JNJ is committed to providing high quality products and services in a manner that does not impact upon, but enhances the environment.

The data supplied in this document is for guidance only and is not intended to serve as a specification or recommendation. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product and reserves the right to change the above data without notice.

For more information, refer to the corresponding Safety Data Sheet.

