Solvent TMA

A non-VOC, non Hazard labeled, hydrophilic, slow-evaporating solvent with an excellent active solvency.

Solvent TMA is the highest performing non-VOC solvent on the market in terms of removal of the most difficult soils from metals. Designed specifically to replace trichloroethylene at a stainless steel tube mill in the UK it had to be able to remove plastic coatings and heavy duty chlorinated drawing lubricants. It is therefore an ideal choice when removing heavy drawing oils and coolants from metal components. It has extremely high polymer solvency and is particularly suited to the removal of resins and plastics used in the highest quality tube drawing lubricants. Its high boiling and flash points make it an excellent choice for use at the temperatures at which optimum degreasing performance and drying can be obtained.

Solvent TMA can be used in existing trichloroethylene and other chlorinated solvent degrease equipment, however it is not a vapour phase degreaser, and it operates as a liquid phase solvent.

Solvent TMA is effective in removing the following types of products, this list is not exhaustive.

Plastic coating lubricants used in arduous draw bench reduction of stainless steel.	Resins and plastics
Gear Oils – mineral oil based	Gear Oils – Synthetic all types
Hydraulic Oils	Machine oils
Metal working coolants	Drawing oils (except copper tube lubricants)
Chlorinated lubricants	Sulphurised lubricants
Forming oils	Tube bending lubricants
Fine blanking oils	Honing fluids

Solvent TMA has optimum degreasing performance at 60-80ºC. At this temperature the time required for degreasing is the same as for trichloroethylene and for oil and resin based products the solvency is much the same.

Solvent TMA can replace the following solvent based cleaners.

Trichloroethylene
Perchloroethylene
Methylene chloride

Solvent TMA – Typical Data

Boiling point @ 760 mmHg, 1.01 bar	>200°C
Flash point (Closed Cup)	>100°C
Freezing point	-10°C
Vapor pressure@ 20°C	extrapolated 0.01 mmHg
Specific gravity (25/25°C)	0.985
Viscosity (cP or mPa•s @ 25°C)	<10
Autoignition temperature	>250°C

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