

	TECHNICAL DATA SHEET	847
<h1>SUNNYSIDE METHYL ETHYL KETONE</h1>		

DESCRIPTION

Sunnyside Methyl Ethyl Ketone (MEK) is a fast evaporating, extremely flammable solvent. It is used as a specialty thinner for some coatings, and it is somewhat slower evaporating than Acetone.

ITEM NUMBERS & SIZES

Pint	Quart	1-Gallon	2.5-Gal.	5-Gal.	55-Gal.
	84732	847G1		847G5	84755

HAZARDOUS INGREDIENTS

Ingredient	CAS#	Percent
Methyl Ethyl Ketone	78-93-3	100%

PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	
SPECIFIC	0.806
DENSITY (Lb./GAL)	6.71
DISTILLATION RANGE ° F.	173-178
FREEZING POINT, ° F (° C)	-123
KAURI BUTANOL (Kb) VALUE	
ANILINE POINT, °F	
FLASH POINT, T.C.C. °F	21
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	1.8
UPPER, AT 200°F (93°C)	11.5
AUTOIGNITION TEMPERATURE, °F (°C)	842
COLOR (Pt-Co)	10
DOCTOR TEST	
CORROSION, 3 HRS. @ 212 °F	
NON-VOLATILES, g/100ml	
Acidity, as Acetic Acid	0.003 Max.
ALKALINITY (AS NH ₃ , WT%)	
EVAPORATION RATE	Slower than ether
APPEARANCE	Clear, water-white
ODOR	Pungent, Characteristic
VAPOR PRESSURE, mm Hg @ 20 °C	83
REFRACTIVE INDEX, @ 20 °C	
SULFUR CONTENT, PPM	
PURITY, by G.C., Wt%	99.5 Min.
WATER CONTENT, Wt%	0.1 Max.
WATER MISCIBILITY	Partial
DOT SHIPPING NAME	Methyl Ethyl Ketone
DOT CLASSIFICATION	Hazard Class 3
SHIPPING Wt. at 20 °C	6.71
V.O.C. (g/L)	804

These properties are representative of typical inspections. They do not constitute product specifications. Consult MSDS sheet for additional information.

SAFETY INFORMATION

HEALTH:	1
FIRE:	3
REACTIVITY:	0

PRODUCT APPLICATION

Methyl Ethyl Ketone is a specialty thinner for epoxies, lacquers and adhesives, as well as polyester resins used in fiberglass boat and auto repairs. When cleaning application equipment or when using for any other purpose, prevent flammable vapor buildup by limiting amount used to a few ounces at a time.

TEST METHOD

ASTM	Applied
D-278	
D-1298	■
	■
D-86	
D-1133	
D-611	
D-56	■
D-1255	
D-1209	■
D-484	
D-130	
D-1353	
D-847	■
D-1614	
D-1296	■
	■
D-1218	■
D-1266	■
D-1364	
D-1722	

See MSDS sheet for additional Health, Safety, Handling and Regulatory Information available on our website at www.sunnysidecorp.com/msds.html