

PRODUCT IDENTIFICATION



Product Name: Blendpro - Professional Paint Thinning Solution Technical Grade

CAS Number: 64742-95-6

Molecular Formula: Proprietary Blend

Molecular Weight: 106.2 g/mol

Grade: Technical Grade

Purity / Concentration: Not Available

Synonyms: Paint Thinner, Paint Solvent

PRODUCT OVERVIEW

Blendpro Professional Paint Thinning Solution is a high-performance technical grade solvent engineered for precision viscosity control. Featuring a high assay GC-FID purity of 100.0% and minimal non-volatile residue, it ensures a clean, professional finish for various coating applications.

Grade Significance: Technical grade indicates that this product is formulated for industrial and manufacturing utility where high purity is required, though it is not intended for food, drug, or medical use.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

PARAMETER	UNIT	TYPICAL	MIN	MAX	TEST METHOD
Assay Gc Fid	%	100.0	99.5	100.5	GC-FID
Color (APHA)	APHA	3	—	30	ASTM D1209
Specific Gravity (20°C)	g/mL	0.7253	0.689	0.795	Hydrometer @ 20°C
Non Volatile Residue	mg/100mL	1	0	10	ASTM D1353
Sulfate So4	ppm	≤ 10 ppm	—	—	Ion Chromatography
Aromatics	%	0.3	—	1	Per specification
Deg Content	%	ND	0	—	GC
Distillation Range	°C	110.3	109.4	111.7	Per specification
Flash Point	°C	≥ 38 °C	—	—	Per specification
Nitrogen	%	ND	0	—	Per specification

ND = Not Detected. Values are typical and may vary by lot.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Transparent light-weight solvent liquid	Form	Liquid
Boiling Point	155°C (311°F)	Melting / Freezing Point	-95°C (-139°F)
Flash Point	40°C (104°F)	Specific Gravity	0.825
Solubility	High organic solvent compatibility	Molecular Formula	Proprietary Blend
Molecular Weight	106.2 g/mol		

APPLICATIONS

1. **Professional Painting** — Used to adjust the viscosity of paints, ensuring optimal application and a smooth, professional finish.
2. **Automotive Refinishing** — Serves as a critical solvent in automotive paint formulations to enhance flow and leveling properties during application.
3. **Industrial Maintenance** — Highly effective for cleaning brushes, spray guns, and other equipment to remove cured or excess paint residues.
4. **Adhesives and Sealants** — Utilized to thin adhesives for easier application, which promotes better bonding and surface coverage.

STORAGE & HANDLING

Due to its status as a highly flammable liquid with a flash point of 40°C, Blendpro must be stored in a cool, well-ventilated area away from ignition sources. Proper containment prevents the accumulation of hazardous vapors and ensures the integrity of the chemical composition.

- Store in a cool, well-ventilated area away from heat sources.
- Use containers made of HDPE or glass to prevent chemical reactions.
- Avoid contact with strong oxidizers and acids.
- Ensure proper PPE is worn, including gloves and goggles, when handling.
- Keep away from direct sunlight to prevent degradation.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 55 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: **Danger**



Hazard Statements:

- H225: Highly flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

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