

PRODUCT IDENTIFICATION



Product Name: Blendpro - Professional Paint Thinning Solution

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 is a carefully formulated solvent solution designed for thinning various types of paints and coatings. This product primarily consists of a blend of organic solvents that effectively reduce viscosity while maintaining the integrity of the paint formulation.

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 @ 25°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	—	230.6	229.0	233.0	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. **Industrial Coatings** — Used to adjust the viscosity of paints for optimal application and finish.
2. **Manufacturing** — Effective for cleaning tools and equipment used in painting processes.
3. **Automotive** — Serves as a solvent in automotive paint formulations to enhance flow and leveling.
4. **Construction** — Used to thin adhesives for easier application and improved bonding.
5. **Printing** — Utilized to reduce the viscosity of inks for screen printing applications.

STORAGE & HANDLING

- 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 vapor
- H319: Causes serious eye irritation

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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