

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 technical grade professional paint thinning solution, characterized by its high assay of 97.5% and low water content of 0.02%. This transparent, lightweight solvent is expertly formulated to adjust paint viscosity, ensuring optimal application and a flawless finish. It's also highly effective for cleaning painting equipment.

Grade Significance: Technical Grade Blendpro indicates that the product is suitable for industrial applications where stringent purity is not the primary concern but performance is key. While it meets defined specifications, trace impurities might be present, making it ideal for thinning paints and cleaning equipment.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

PARAMETER	UNIT	TYPICAL	MIN	MAX	TEST METHOD
Assay (wt%)	%	97.5	95	—	GC-FID
Color (APHA)	APHA	10	—	20	ASTM D1209
Specific Gravity (20°C)	g/mL	0.795	0.79	0.8	ASTM D4052
Residue After Ignition	%	0.0010	—	0.0050	ASTM D482
Water Content	%	0.02	—	0.05	ASTM D1364
Sulfur	ppm	2	—	5	ASTM D5623

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. **Automotive Refinishing** — Blendpro is used to adjust the viscosity of automotive paints, promoting smooth and even application. Its solvent properties enhance paint flow and leveling, leading to a professional-quality finish on vehicles.
2. **Construction and Painting** — This paint thinner is ideal for thinning paints used in building and construction projects. It ensures the paint is the correct consistency for spraying or brushing, improving coverage and reducing brush strokes.
3. **Arts and Crafts** — Blendpro can be used to thin paints and clean brushes in artistic applications. Its controlled evaporation rate helps artists achieve desired effects and maintain their tools.
4. **Manufacturing** — In manufacturing settings, Blendpro is used as a solvent in paint formulations for various products. It helps to create paints with specific properties, such as durability and resistance to wear.
5. **Adhesives Application** — Blendpro serves to thin adhesives, facilitating easier application and enhancing bonding strength. This is particularly useful in industries requiring precise adhesive application.
6. **Equipment Maintenance** — Blendpro is effective for cleaning paint-related equipment, such as spray guns and brushes. Its solvent properties dissolve paint residue, ensuring equipment remains in optimal working condition.

STORAGE & HANDLING

Blendpro is a highly flammable liquid, so proper storage is crucial to prevent fire hazards. It should be stored in a cool, well-ventilated area away from heat, sparks, and open flames. Secure containers tightly to prevent evaporation and maintain product integrity.

- 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 [Danger Flammable liquids]
- H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]
- H336: May cause drowsiness or dizziness [Warning Specific target organ toxicity, single exposure; Narcotic effects]

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.

Alliance Chemical | 204 South Edmond St, Taylor, Texas 76574 | 512-365-6838 | www.alliancechemical.com

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