

PRODUCT IDENTITY: PRO LT-5 FAST DRY ACRYLIC LACQUER THINNER

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.J.
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTITY: PRO LT-5 FAST DRY ACRYLIC LACQUER THINNER
COMPANY IDENTITY: CAROLINAS AUTO SUPPLY HOUSE, INC.
COMPANY ADDRESS: 2135 TIPTON DR
COMPANY CITY: CHARLOTTE, NC 28206
COMPANY PHONE: 1-800-428-4070
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. INGREDIENT INFORMATION

CONTAINS: TOLUENE, METHANOL, ACETONE

SECTION 3. HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: 85 ppm (Evaporated Blend)

DANGER!!
EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE
TOXIC!!
ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.
Absorption thru skin increases exposure.
Primary irritation to eyes, redness, tearing, blurred vision.
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure
can cause serious nervous system depression. Vapor harmful.
Breathing vapor can cause irritation.
Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.
Repeated exposure over TLV can cause blindness.

SWALLOWING: KEEP AWAY FROM FOOD!

Can be fatal or cause blindness if swallowed. Cannot be made non-poisonous.
POISON ! Can cause irreversible nervous system damage & death.
Harmful or fatal if swallowed.
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED

CONDITIONS AGGREGATED

Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs.
Persons with severe skin, liver or kidney problems should avoid use.

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SECTION 3. HAZARDS IDENTIFICATION (CONTINUED)

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Due to metabolic differences, the results are not relevant in humans.
This product may contain less than 201 ppm of Benzene.
Not considered hazardous in such low concentrations.
Absorption thru skin may be harmful. Studies with laboratory animals indicate this product can cause damage to fetus.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.
(Discard contaminated shoes.)

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. CALL A PHYSICIAN immediately!

SWALLOWING:

Induce vomiting promptly using physician's instructions or by having patient stick finger down throat. After vomiting has been induced, give two teaspoonsful of baking soda in a glass of water. CALL A PHYSICIAN. Never give anything by mouth to an unconscious person. Have patient lie down & keep warm. Cover eyes to exclude light.

SECTION 5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE : 422 C / 793 F (Lowest Component)

LOWER FLAMMABLE LIMIT IN AIR (% by vol): 2.7

FLASH POINT (TEST METHOD): -16 C / 2 F (TCC) (Lowest Component)

FLAMMABILITY CLASSIFICATION: Class I B

EXTINGUISHING MEDIA

NFPA Class B extinguishers(Carbon Dioxide or foam)for Class I B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.

Do not enter confined fire-space without full bunker gear.

(Helmet with face shield, bunker coats, gloves & rubber boots).

Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE

Keep container tightly closed.

Isolate from oxidizers, heat, sparks, electric equipment & open flame.

Closed containers may explode if exposed to extreme heat.

Applying to hot surfaces requires special precautions.

Empty container very hazardous! Continue all label precautions!

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SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Mop up & dispose of. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD

Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone.

SECTION 7. HANDLING AND STORAGE

HANDLING

Isolate from oxidizers, heat, sparks, electric equipment & open flame. Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Avoid contact with skin & eyes. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone. Do not store above 49 C/120 F. Store large amounts in structures made for OSHA Class I B liquids. Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE CONTROLS

Ventilate to keep vapors of this material below 45 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None
OTHER	: None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

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SECTION 9. PHYSICAL DATA

APPEARANCE : Liquid,Water-White
ODOR : Ketone
BOILING RANGE : 56 95 111 C / 134 203 232 F
GRAVITY @ 60 F :
API : 36.4
SPECIFIC GRAVITY (Water=1) : .843
POUNDS/GALLON : 7.020
VOC'S (>0.44 Lbs/Sq In) : 100.1 Vol. % / 843.7 g/L / 7.028 Lbs/Gal
TOTAL VOC'S (TVOC) : 100.0 Vol. % / 842.7 g/L / 7.019 Lbs/Gal
NONEXEMPT VOC'S (CVOC) : 86.0 Vol. % / 731.8 g/L / 6.096 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS) : 86.8 Wt. % / 731.8 g/L / 6.096 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C 75.5
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C) 48.7
VAPOR DENSITY (air=1) : 2.2
WATER ABSORPTION : Appreciable
SOLVENCY PARAMETERS:
HKB (Hydrogen Bonding) : 27.5
PKB (Polarity) : 38.4
DKB (Dispersion) : 34.1
REFRACTIVE INDEX : 1.441
MIXED ANILINE POINT (Acid Insol): 8 C / 47 F

SECTION 10. REACTIVITY DATA

STABILITY

Stable

CONDITIONS TO AVOID

Isolate from oxidizers, heat, sparks, electric equipment & open flame.

MATERIALS TO AVOID

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Toluene	108-88-3	200 ppm	50 ppm	Yes
Methanol	67-56-1	200 ppm S	200 ppm S	Yes
Acetone	67-64-1	1000 ppm	500 ppm	No

In addition to EPA Hazardous Air Pollutants showing `Yes' under "HAP" above, using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%): Benzene, Mixed Xylenes, Ethylbenzene

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SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

MATERIAL	CAS #	CEILING	STEL (OSHA/ACGIH)
Methanol	67-56-1	None Known	250 ppm
Acetone	67-64-1	None Known	750 ppm

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA
Methanol	67-56-1	LOWEST KNOWN LD50 (ORAL) 1000.0 mg/kg (Man)
Toluene	108-88-3	LOWEST KNOWN LC50 (VAPORS) 5300 ppm (Mice)
Toluene	108-88-3	LOWEST KNOWN LD50 (SKIN) 4000.0 mg/kg (Rabbits)

MARINE ANIMAL INFORMATION:

The most sensitive known marine group to any component of this product is:
Mosquito Fish 250 ppm or mg/L (24 hour exposure).
Keep out of sewers and natural water supplies.

SECTION 13. DISPOSAL CONSIDERATIONS

Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Paint Related Material
3, UN 1263, PG II
DRUM LABEL: (FLAMMABLE LIQUID)
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 131

SECTION 15. REGULATORY INFORMATION

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known to the State of California to cause cancer & reproductive toxicity:
a trace of Benzene, Toluene

EPA REGULATIONS:

EPA SARA RULE 311 HAZARDS:

Acute Health	Yes
Chronic Health	No
Fire	Yes
Sudden Release of Pressure	No
Reactive	No

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SECTION 15. REGULATORY INFORMATION (CONTINUED)

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

This product contains the indicated <*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS#	WT. % (REG. SECTION)	RQ(LBS)
*Toluene	108-88-3	67 (311,312,313,RCRA)	1000
*Methanol	67-56-1	19 (311,312,313,RCRA)	5000

IF > 1490 POUNDS OF THIS PRODUCT IS IN ONE CONTAINER THE "RQ" IS EXCEEDED.

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, Europe (EINECS), Japan, and Korea.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:
HEALTH (NFPA): 1
HEALTH (HMIS): 3
FLAMMABILITY: 3
REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.