

MATERIAL SAFETY DATA SHEET

FILE NO.: S401100-
S401106



PRO-TECH NATURAL NAIL STRENGTHENER

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pro-Tech N.N. Strengthener
CHEMICAL NAME: Nail Lacquer
CHEMICAL FAMILY: Top Coat
PRODUCT USE: Nail Top Coat
EMERGENCY PHONE: Info-Trac 1-352-323-3500/1-800-535-5053
MSDS DATE: 4/08/2010

MANUFACTURER: International Nail Manufacturers (inm)
DIVISION: Nail Cartel, Inc.
ADDRESS: 1221 N. Lakeview Ave.
PHONE: 714-779-9892
FAX: 714-779-9971
PREPARED BY: Tonja Byers

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	Not Listed	35-40
Toluene	108-88-3	203-625-9	Toluene	200 ppm	50 ppm	3/no/no	30-35
n-Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	150 ppm	150 ppm	Not Listed	20-35
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	400 ppm	400 ppm	3/no/no	5-15
Methyl Ethyl Ketone	78-93-3	201-159-0	MEK	200 ppm	200 ppm	Not Listed	5-15
Nitrocellulose	9004-70-0	N/E	Nitrocellulose	400 ppm	400 ppm	Not Listed	5-15
Tosyl Amide/ Formaldehyde Resin	25035-71-6	N/E	Tosylamide/Formaldehyde Resin	N/E	N/E	Not Listed	0-1
N/E-None Established	N/DA-No Data Available						
N/R-Not Reviewed	N/A-Not Applicable						

Hazard Symbols: F, Xi **Risk Phrases:** R11, R20, R36/37/38 **Safety Phrases:** S7/9, S16, S26, S33, S36/37, S45, S61

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information is based on finding from related or similar materials.

- **Flammable Liquid and Vapor!**
- May cause eye irritation.
- May cause allergic skin reaction.
- May cause respiratory tract irritation.
- Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin, and eye contact.
Eyes: Exposure causes eye irritation. Symptoms include stinging, tearing, redness, and swelling.
Skin: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns.
Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.
Inhalation: Vapor and mist are irritating to mucous membrane. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Sub-Chronic Effects: It may cause headaches, nausea, vomiting, and narcotic effect if over-exposed.
NOTE: Refer to Section 11, Toxicological Information for Details.

SECTION 4: FIRST AID MEASURES

First Aid for Eye: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with clean water while holding eyelids apart. If symptoms persist or if there is any visual difficulty, seek medical attention.
First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.
First Aid for Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.
First Aid for Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. Seek medical attention if discomfort persists.

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SECTION 5: FIRE-FIGHTING MEASURES

Flash Point (°F/°C) TAG Closed: 68°F/20°C	Flammable Limit (vol %) 400 ppm	Auto-ignition Temperature (vol %) N/DA
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Method:

Extinguishing Media: Foam, dry chemical, cold water spray.

Fire Fighting Instructions: Wear Self-contained breathing apparatus and protective clothing. **USE WATER WITH CAUTION!** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use an absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 7: HANDLING AND STORAGE

Handling: Keep containers cool and dry. Keep away from heat, light, and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash thoroughly after handling.

Storage: Store in a well ventilated area. Store @ 70°F+/-15°F (21°C+/-8°C), allow some air space above liquid level. Keep containers closed when not in use.

Explosion Hazard: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR 1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/Face Protection: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suite. Nitrile rubber is better than PVC.

Skin Protection: Wear resistant gloves to prevent repeated or prolonged skin contact. Wear impervious clothing and boots.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear A NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
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Clear/cloudy, viscous liquid	Fruity ester odor	N/A	(H ₂ O=1):0.98	N/DA	W/W % : 99+
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Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility in Water
170°F/77°C	N/DA	N/DA	N/A	(Air=1): 1	N/A	N/A	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol %)
TAG Closed: 68°F/20°C	400 ppm	N/DA

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous Decomposition Products: Heated Material produce NO₂, CO₂, CO

Conditions to Avoid:

Heat, flames, ignition sources.

Incompatibility (Materials to Avoid):

Avoid oxidizing agents, acids, and bases (heat).

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-Skin	Irritation-Eye
No information available	No information available	No information available	No information available	No information available
Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.				

Sensitization	Mutagenicity	Sub-Chronic Toxicity
No information available	No information available	No information available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No information available	No information available	No information available	No information available	No information available

Chemical Fate Information

Biodegradability	No information available
Chemical Oxygen Demand	No information available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of diking material and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

SECTION 14: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s.,(ethyl acetate, toluene), 3, PGII
Identification #	UN1993

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Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #	128
IATA (DRG)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate, toluene), 3, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
Emergency Response Guidance (ICAO) #:	3L
IMO (IMDG)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate, toluene), 3, PGII
Class or Division:	3.2
UN or ID Number	UN1993
Special Provisions & Stowage/Segregation	None
Emergency Schedule (EmS) #:	307
Other Information	Flash Point=20°C

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none"> Methyl Ethyl Ketone, CAS# 78-93-3 Toluene, CAS# 108-88-3 There are no ODS's (ozone depleting substances) as defined by the U.S. Clear Air Act.
Clean Water Act: Priority Pollutant	This product contains the following Hazardous Substances as defined by the CWA: <ul style="list-style-type: none"> Butyl Acetate, CAS# 123-86-4 Toluene, CAS# 108-88-3
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as in indirect food-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: <ul style="list-style-type: none"> Immediate (acute) health hazard. Fire hazard
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40CFR 261): <ul style="list-style-type: none"> Ethyl Acetate CAS# 141-78-6, RCRA Code: U112 Methyl Ethyl Ketone, CAS# 78-93-3, RCRA Codes D035, U159 Toluene, CAS# 108-88-3, RCRA Code U220 May contain Characteristic of Ignitability, RCRA Code: D001
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substance that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List) <ul style="list-style-type: none"> Ethyl Acetate CAS# 141-78-6, RQ (Lbs) 5000 Butyl Acetate, CAS# 123-86-4, RQ (Lbs) 5000 Methyl Ethyl Ketone, CAS# 78-93-3, RQ (Lbs) 5000 Toluene, CAS# 108-88-3, RQ (Lbs) 1000
SARA Title III: Section 311-312	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). It's hazards are: <ul style="list-style-type: none"> Immediate (acute) health hazard Fire hazard
SARA Title III: Section 313	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> Toluene, CAS #108-88-3 Methyl Ethyl Ketone, CAS# 78-93-3
TSCA Section 8 (b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule:	None of the chemical in this material have a SNUR under TSCA.

SECTION 15: REGULATORY INFORMATION-cont.

State Regulations

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CA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3
NJ Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3
PA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3
FL Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3
MN Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4, Methyl Ethyl Ketone CAS# 78-93-3, Toluene CAS# 108-88-3

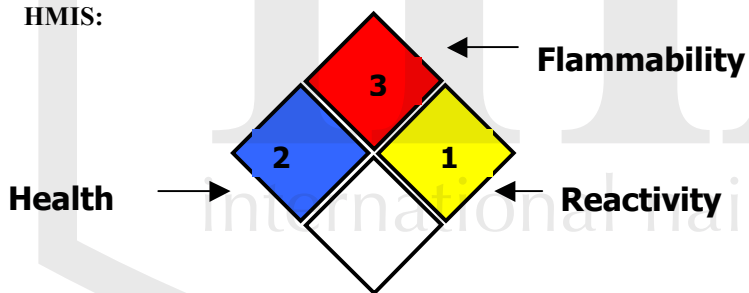
International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl Acetate CAS# 141-78-6 is on the DSL list. WHMIS = B2, D2B Isopropyl Alcohol CAS# 67-63-0 is on the DSL list. WHMIS = B2, D2B Butyl Acetate CAS# 123-86-4 is on the DSL list. WHMIS = B2, D1B, D2B Toluene CAS# 108-88-3 is on the DSL list. WHMIS = B2, D2B Methyl Ethyl Ketone CAS# 78-93-3 is on the DSL list. WHMIS = B2, D2A Nitrocellulose CAS# 9004-70-0 is on the DSL list. WHMIS = B4, D2B, F
EINECS: European Inventory	Pro-Tech Natural Nail Strengthener: <ul style="list-style-type: none"> HAZARD SYMBOLS: Xn, F: Harmful, Highly Flammable RISK PHRASES: R11: Highly flammable, R20: Harmful by inhalation, R36/37/38 Irritating to eyes, respiratory system and skin SAFETY PHRASES: S7/9: Keep container tightly closed and in a well ventilated place, S16: Keep away from sources of ignition-no smoking, S24/25: In case of contact with eyes, rinse immediately with plenty of water and seek medical advise, S33: take precautionary measure against static discharges, S37/39: wear suitable protective clothing and gloves, S45: In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible) S61: Avoid release to the environment. Refer to special instruction/Safety data sheets.



SECTION 16: OTHER INFORMATION

HMIS:



2	Health
3	Flammability
1	Reactivity

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