



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

INM Total Eclipse Top Coat

MSDS DATE: 04/13/04

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Total Eclipse Top Coat

PRODUCT CODES: TETC

MANUFACTURER: International Nail Manufacturers (inm)
DIVISION: Division of Nail Cartel, Inc.
ADDRESS: 1221 N. Lakeview Ave.
Anaheim, CA 92807

EMERGENCY PHONE: INFOTRAK: 1-800-535-5053 International: 1-352-323-3500

OTHER CALLS: 1-800-541-9838

FAX PHONE: 1-714-779-9971

PREPARED BY: Steven Tate, Production Manager

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS Numbers	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	CARCINOGEN IARC/NTP/OSHA	%
Ethyl Acetate	141-78-6	Ethyl Acetate	400ppm	400ppm	no/no/no	>35
Methyl Ethyl Ketone	78-93-3	MEK	200ppm	200ppm	no/no/no	<30
Acrylic Polymers	N/E	N/E	N/E	N/E	Not Listed	<25
Butyl Acetate	123-86-4	Butyl Acetate	150ppm	150ppm	no/no/no	<10
Isopropyl Alcohol	67-63-0	Isopropyl Alcohol	400ppm	400ppm	3o/no/no	<5
D & C Violet No. 2	N/E	N/E	N/E	N/E	Not Listed	<1
N/E- None Established	N/DA- No Data Available					
N/R- Not Reviewed	N/A- Not Applicable					

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause eye irritation. Flammable liquid. May cause skin irritation.

ROUTES OF ENTRY: Inhalation, skin contact, eye contact.

POTENTIAL HEALTH EFFECTS

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.



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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 HEALTH HAZARDS:

It may cause headaches, nausea, vomiting and narcotic effect if over-exposed.

SECTION 4: FIRST AID MEASURES

EYES: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

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.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER:

FLASH POINT:

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE:

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

PROTECTION:

METHOD USED:

EXTINGUISHING MEDIA:	Foam, dry chemical, cold water spray.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Cool fire exposed containers with water, remove away from building. Use self-contained breathing apparatus to fight fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	When exposed to heat and flame, material is fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill area into retaining containers. Place containers in well ventilated area.

SECTION 7: HANDLING AND STORAGE



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HANDLING: Keep containers cool and dry. Keep away from heat, light and ignition sources.

STORAGE: Store in well ventilated area. Store @ 70 + 15 F, allow some air space above liquid level. Keep containers closed while 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: Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

RESPIRATORY PROTECTION: Use organic vapor mask and local exhaust.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.

SKIN PROTECTION: Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear/cloudy, viscous liquid.

ODOR: Fruity ester odor.

pH AS SUPPLIED: N/A

BOILING POINT: 170°F

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): (Air = 1):1

SPECIFIC GRAVITY (H2O = 1): (H2O = 1):0.98

EVAPORATION RATE: N/A

SOLUBILITY IN WATER (20°C): Insoluble

PERCENT VOLATILE: W/W %: 99+

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): Heat, flame, ignition sources.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid oxidizing agents, acids & bases (heat).

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Heated material produce NO₂, CO₂, CO

HAZARDOUS POLYMERIZATION: May occur.



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CONDITIONS TO AVOID (POLYMERIZATION): **Heat, flame, ignition sources.**

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation- Skin	Irritation- Eye
N/DA	N/DA	N/DA	N/DA	N/DA
Sensitization		Mutagenicity		Sub-chronic Toxicity
N/DA		N/DA		N/DA

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

CHEMICAL FATE INFORMATION:

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of diking materials, absorbent in compliance with State, Local, and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: DOT/UN Shipping Name: **Flammable liquids, n.o.s., (ethyl acetate, MEK), 3, UN1993, PGII:**

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none">Methyl Ethyl Ketone CAS # 78-93-3. This product contains no ODS.
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: <ul style="list-style-type: none">Butyl Acetate CAS #123-86-4.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging, and/or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none">Immediate (acute) health hazard.Fire hazard.
RCRA	This product contains chemicals considered to be hazardous under RCRA (40 CFR 261). <ul style="list-style-type: none">Ethyl Acetate CAS #141-78-6 RCRA Code: U112, Methyl Ethyl Ketone CAS #78-93-3 RCRA Code: U159.
SARA Title III: Section 302	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 304	This product contains chemicals regulated under Sec. 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



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	<ul style="list-style-type: none">Butyl Acetate CAS # 123-86-4 RQ (Lbs) 5000,Methyl Ethyl Ketone CAS: 78-93-3 RQ (Lbs), 5000
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). Its 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">Isopropyl Alcohol CAS #67-63-0Methyl 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.

STATE REGULATIONS:

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
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
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
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
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
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

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 Methyl Ethyl Ketone CAS 78-93-3 is on the DSL list. WHMIS = B2, D2A
EINECS: European Inventory	Ethyl Acetate (205-500-4) <ul style="list-style-type: none">Hazard Symbol (XIF), R Values (R11, R36, R66, R67), S Values (S16, S26, S33) Isopropyl Alcohol (200-661-7) <ul style="list-style-type: none">Hazard Symbol (F), R Values (R11), S Values (S7, S16) MEK (201-159-0) <ul style="list-style-type: none">Hazard Symbol (XIF), R Values (R11, R36, R66, R67), S Values (S9, S16) Butyl Acetate (204-658-1) <ul style="list-style-type: none">Hazard Symbol (F), R Values (R10), S Values (S9, S16, S33)

SECTION 16: OTHER INFORMATION

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