



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT
MSDS DATE: 07/2004

INM Out The Door Acrylic Sculpting Liquid

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INM Out The Door Acrylic Sculpting Liquid
PRODUCT CODES: INMOTDASL
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
1-714-779-9892

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure Limits		Carcinogen IARC/NTP/OSHA	%
				OSHA TWA/STEL	ACGIH TWA/STEL		
Ethyl Methacrylate	97-63-2	202-597-5	Ethyl Methacrylate	100 ppm	100 ppm	Not Listed	>60
Tetraethylene Glycol	109-17-1	203-653-1	PEG-4 Dimethacrylate	N/E	N/E	Not Listed	<15
Ethylene glycol dimethacrylate	97-90-5	202-617-2	Glycol HEMA-Methacrylate	N/E	N/E	Not Listed	<15
2-Hydroxypropyl Methacrylate	27813-02-1	248-666-3	Hydroxypropyl methacrylate	N/E	N/E	Not Listed	<10
N,N-Dimethyl-p-toluidine	99-97-8	202-805-4	Dimethyltolylamine	N/E	N/E	Not Listed	<1
N/E = None Established	N/DA = No Data Available						
N/R = Not Reviewed	N/A = Not Applicable						

Hazard Symbols: Xi
Risk Phrases: R36/37/38
Safety Phrases: S7/9, S16, S28, S29, S33, S36/97/39, S45, S61

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

- Flammable liquid and vapor!
- May cause allergic skin reaction.



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

INM Out The Door Acrylic Sculpting Liquid

MSDS DATE: 07/2004

- May cause eye irritation.
- Dust may cause irritation of the nose, throat and lungs.
- This product may contain particulate, not otherwise classified (Nuisance Dust).

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin and eyes.

Eye: Vapor concentrations may cause irritation of eyes. Liquid contact with eyes can cause irritation and possible corneal damage..

Skin: Liquid concentration may cause moderate skin irritation. Repeated or prolonged contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and respiratory tract and abdominal pain.

Inhalation: High vapor concentrations may irritate the respiratory system. Prolonged exposure can lead to headaches, nausea, drowsiness and unconsciousness.

Sub-Chronic Effects: Unlikely to present a cancer hazard in man.

NOTE: Refer to Section 11, Toxicological Information for Details.

SECTION 4: FIRST AID MEASURES

First Aid for Eyes: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists. Wash clothing before use.

First Aid for Inhalation: Remove to fresh air. If having difficulty breathing, give oxygen. If breathing has stopped, give artificial respiration. Get medical help if discomfort persists.

First Aid for Ingestion: Rinse mouth out with water. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. Seek prompt medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

<i>Flash Point (°F/°C)</i>	<i>Flammable Limit (vol%)</i>	<i>Auto-Ignition Temperature</i>
TAG Closed: 113°F/ 45°C	N/DA	N/DA

Method:

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical or Carbon Tetrachloride.

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective gear. Water may be ineffective unless used as a fine spray or fog. Use water spray to cool the exposed containers of methacrylate monomer.

Unusual Hazards: Vapors may travel to source of ignition and flash back. Avoid ignition sources or excessive temperatures. Heat can induce polymerization with rapid release of energy. Closed containers may rupture explosively spontaneous polymerization may occur on prolonged aging.



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT
MSDS DATE: 07/2004

INM Out The Door Acrylic Sculpting Liquid

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use 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. If a leak or spill has not ignited, use water spray to disperse the vapor, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Ground all metal containers when transferring and use explosion –proof equipment. Follow all MSDS/ label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

STORAGE: Store in a cool, dry area. Keep container closed when not in use. Store at ambient temperatures out of direct sunlight. Store in a well ventilated place. Store in accordance with National Fire Protection Association recommendations. Maintain air space inside storage containers. Inhibitor requires air (oxygen) contact to function. Check inhibitor levels after 3 months and return to original level.

EXPLOSION HAZARD: Avoid ignition sources or excessive temperatures. Heat can induce polymerization with rapid release of energy. Closed containers may rupture explosively. Spontaneous polymerization may occur on prolonged aging.

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 (29CFR1910.132), 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: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.

SKIN PROTECTION: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

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



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT
MSDS DATE: 07/2004

INM Out The Door Acrylic Sculpting Liquid

approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	- pH	Specific Gravity	Viscosity	% Volatile
Clear, colorless liquid.	Sharp ester-like odor	N/A	(H ₂ O = 1): 0.95	Very viscous	W/W %: 99+

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/ Vapor Partitioning Coefficient	Vapor Pressure:	Vapor Density:	Evaporation Rate:	Ignition:	Solubility In Water:
EMA = 243°F	N/A	EMA = 1.25	EMA = mm Hg 0.69 kPa @ 38°C	(Air = 1) EMA: 3.9	N/DA	N/A	N/DA

Flash Point (°F/°C)	Flammable Limit	Auto-ignition Temperature (vol%)
TAG Closed: 113°/45°C	N/DA	N/DA

SECTION 10: STABILITY AND REACTIVITY

Stability:	Incompatibility:	Hazardous Decomposition Products:	Hazardous Polymerization:	Conditions to Avoid:
Stable	Reducing and oxidizing agents and UV light.	Oxides of carbon when burned.	May occur.	Temperatures above 60°F, oxidizing or reducing agents, peroxides and amines, storage in absence of inhibitor, and inadvertent addition of catalyst.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation- Skin	Irritation- Eye
LD50 Oral (Rat): 13300 mg/kg	LD50 Dermal (Rabbit): 9100 mg/kg	Inhalation (Rabbit) LD 50: 3800 ppm	N/DA	N/DA

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol %)
TAG Closed: 113 °F/ 45 °C	N/DA	N/DA

SECTION 12: ECOLOGICAL INFORMATION

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Biocentration	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	



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT
MSDS DATE: 07/2004

INM Out The Door Acrylic Sculpting Liquid

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of diking materials 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.

SECTION 14: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, tetraethylene glycol dimetharyalte), 3, UN 1993, PGIII
Identification Number:	UN 1993
Marine Pollutant:	No
Special Provisions	T8, T31
Emergency Response Guidebook (ERG) #:	128
IATA (DGR):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, tetraethylene glycol dimetharyalte), 3, UN 1993, PGIII
Class or Division:	3
UN or ID Number:	UN 1993
Packaging Instructions:	
Emergency Response Guidance (ICAO) #:	
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, tetraethylene glycol dimetharyalte), 3, UN 1993, PGIII
Class or Division:	3.3
UN or ID Number:	UN 1993
Special Provisions & Stowage/ Segregation:	None
Emergency Schedule (EmS) #:	
Other Information:	Flash Point = 45°C

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"> ▪ None
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"> ▪ None
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: Immediate (acute) health hazard. Fire hazard.
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261):



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

INM Out The Door Acrylic Sculpting Liquid

MSDS DATE: 07/2004

	<ul style="list-style-type: none"> ▪ Ethyl methacrylate CAS # 97-63-2, RCRA Code U118 ▪ Characteristic of Ignitability: RCRA Code: D001
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). Ethyl Methacrylate, CAS#97-63-2, RQ (Lbs): 1000 lbs.
SARA Title III: Section 311-312	This product is considered 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. ▪ Reactive hazard.
SARA Title III: Section 313	This product contains the following substances 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"> ▪ None
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:	NONE
MA Right-to-Know Law:	Ethyl Methacrylate CAS #97-63-2
NJ Right-to-Know Law:	Ethyl Methacrylate CAS #97-63-2
PA Right-to-Know Law:	Ethyl Methacrylate CAS #97-63-2
FL Right-to-Know Law:	Ethyl Methacrylate CAS #97-63-2
MN Right-to-Know Law:	NONE

International Regulations:

CSSL: Canadian Inventory (on Canadian Transitional List)	<p>Ethyl methacrylate: DSL regulatory status: Included, WHMIS: B2: flammable liquid D-2B: Toxic</p> <p>Tetraethylene glycol dimethacrylate: DSL regulatory status: Included, WHMIS: N/DA</p> <p>2-Hydroxypropyl methacrylate: DSL regulatory status: Included, WHMIS: N/DA</p> <p>Ethylene glycol dimethacrylate: DSL regulatory status: Included, WHMIS, N/DA</p> <p>N,N,-Dimethyl-p-toluidine: DSL regulatory status: Included, WHMIS: None</p>
EINECS: European Inventory:	<p>PL Monomer:</p> <ul style="list-style-type: none"> ▪ Hazard Symbols: Xn, F: Harmful, Flammable ▪ Risk Phrases: R10: flammable, R20/22: Harmful by inhalation and if swallowed, R36/37/38: Irritating to eyes, respiratory system and skin, R43: May cause sensitization by skin contact ▪ Safety Phrases: S7/9: Keep container tightly closed and in a well ventilated place, S16: keep away from sources of ignition- no smoking, S28: after contact with skin, wash immediately with plenty of water, S29: do not empty into drains, S33: take precautionary measures against static discharges, S36/37/39: wear suitable protective clothing, gloves and eye/face protection, S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible), S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT
MSDS DATE: 07/2004

INM Out The Door Acrylic Sculpting Liquid

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers' intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the MSDS may not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1-800-535-5053.