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MSDS#: KIM032107-OMC

Material Safety Data Sheet ODORLESS Liquid

Section 1 - Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: ODORLESS MONOMER (C17)
Chemical Name: N/A
Family: Monomers

MSDS Initial Approval Date: 3/21/2007
MSDS Prepared by: JRR

Manufacturer: ABC International Sp. z o.o.

ul. Odolańska 10 Warszawa 02-560
Emergency Phone Numbers: (0048)42 631 47 24
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Product Use: Nail liquid

Product #: various

Section 2 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure Limits OSHA TWA/STEL	ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Polyethylene glycol monomethacrylate	25736-86-1	N/DA	N/DA	N/E	N/E	Not Listed	60-70
2-hydroxyethyl methacrylate	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	10-20
Triethylene Glycol Dimethacrylate Esters	109-16-0	203-652-6	Triethyleneglycol Dimethacrylate	N/E	N/E	Not Listed	10-20
N,N-Dimethyl-p-toluidine	99-97-8	202-805-4	Dimethyltolyamine	N/E	N/E	Not Listed	0-5
D&C Blue #1	3844-45-9	N/E	CI 42090	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: Xi Risk Phrases: R36/37/38, R43 Safety Phrases: S26, S28A, S45

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

This information may be based on findings from related or similar materials.

- May cause allergic skin reaction.
- Material may be slightly combustible.
- May cause eye irritation.
- May cause respiratory tract irritation.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin, 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 contactmay 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 Eye	Flush with water for 15 minutes, including under eyelids. Seek medical help if discomfort persists.
First Aid for Skin	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persists.
First Aid for Inhalation	Remove to fresh air. If having breathing difficulty, 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

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 200°F/93sC	LEL : N/DA; UEL : N/DA	N/DA

Method:	
Extinguishing Media:	Use CO2, dry chemcial for small fires, or alcohol type aqueous film forming foam.
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 monomer. 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 with prolonged aging.
Unusual Hazards:	

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. 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 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 equires 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 with prolonged aging.

Section 8 - Exposure Controls / Personal Protective Equipment

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.

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 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.

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 nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. 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
Blue, semi-viscous liquid	Very slight, monomer odor	N/A	(H20=1):	<1 mPas @ 20°C	W/W %:

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/DA	N/A	N/DA	mm Hg: 0.69 kPa @ 38 C	(Air =1): N/DA	(Butyl Acetate= 1): N/DA	N/A	g/100g @ 20 ° C

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 200°F/93şC	LEL : N/DA; UEL : N/DA	N/DA

Section 10 - Stability and Reactivity

Stability:
Stable

Incompatibility (Materials to Avoid):
Reducing and oxidizing agents and UV light.

Hazardous Decomposition Products:
Oxides of carbon when burned.

Hazardous Polymerization:
May occur

Conditions to Avoid:
Temperatures above 60şF, 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
No information available	No information available	No information available	No information available	No information available

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the dimethacrylated monomers. 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 ecotoxocological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

Section 13 - Disposable 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.

Generator must determine what is and what is not a hazardous waste. Please follow all regulatory guidelines when determining disposal options. 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:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	None
Emergency Response Guidance (ICAO)#:	N/A
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	N/A
Other Information:	Flash point = 93şC

Section 15 - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains no hazardous air pollutants (HAP) or ozone depleting substances (ODS) as defined by the U. S. Clean Air Act.
Clean Water Act:	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List or Hazardous Substance list.
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
RCRA	This product is considered not to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302/304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
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: • Immediate (acute) health
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: NONE
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 chemicals in this material have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law: California No Significant Risk Level:	This product contains the following chemicals on the California Right-to-Know List: NONE NONE
FL Right-to-Know Law:	This product contains the following chemicals on the Florida Substance List: NONE
MA Right-to-Know Law:	This product contains the following chemicals on the Massachusetts Substance List: NONE This product contains the following non-hazardous components subject to disclosure under New Jersey Right-To-Know legislation. NONE
NJ Right-to-Know Law:	
PA Right-to-Know Law:	This product contains the following non-hazardous components subject to disclosure under Pennsylvania Right-to-Know legislation: NONE
MN Right-to-Know Law:	This product contains the following chemicals on the Minnesota Right-to-Know legislation: NONE

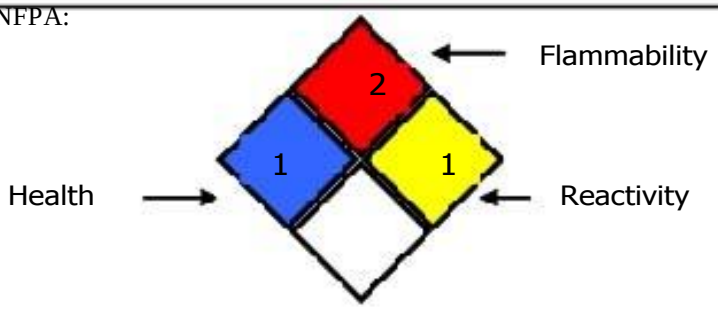
International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	N,N-dimethyl-p-toluidine DSL regulatory status: Included, WHMIS: n/da Triethylene glycol dimethacrylate DSL regulatory status: Included, WHMIS: n/da Hydroxyethyl methacrylate DSL regulatory status: Included, WHMIS: D2A
EINECS: European Inventory: 	• Hazard Symbols: Xi • Risk Phrases: R36/37/38: irritating to eyes, respiratory system, and skin, R43: May cause sensitization by skin contact. • Safety Phrases: S26: in case of contact with eyes, rinse immediately, S28A: after contact with skin, wash immediately with plenty of water, S45: in case of accident, or if you feel unwell, seek medical advise immediately (show the label where possible).

Section 16 - Other Information

Hazard Rating System (Pictograms)

NFPA:



HMIS:

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