

# Material Safety Data Sheet

Date of issue: 11/08/04  
Date of revision: 30/04/10

## Section I – Identification of the Product and of the Company

<b>Product Name:</b>	Kinetics Non-Acid Primer	
<b>Chemical Name:</b>	Primer	
<b>Product type:</b>	Nail Primer	
<b>Product Use:</b>	Adhesion Improvement	
<b>Company:</b>	Name: SIA Pretty Woman Europe	Pretty Woman, LLC
	Address: Latvia	149 W 36 <sup>th</sup> Street New York, NY 10018
	Telephone: + (371) 67295 260	+ (1) 212 239.8002
	Fax: + (371) 67873525	
	E - mail: <a href="mailto:office@nails.lv">office@nails.lv</a>	
<b>Emergency telephone:</b>	Company (only office hours) : Latvian Poison Information Centre (24 hours a day)	+ (1) 800 535.5053 + (371) 67042468

## Section II – Hazards Identification

Classified as F, Xi.

<b>Designation of hazard</b>	<ul style="list-style-type: none"> <li>• May cause eye irritation.</li> <li>• <b>Flammable liquid and vapor!</b></li> <li>• May cause skin irritation</li> <li>• Avoid prolonged or repeated breathing of gases, vapors or mists.</li> <li>• Unstable (reactive) upon depletion of inhibitor. This is only a slight risk.</li> <li>• May be absorbed through the skin.</li> </ul>
<b>Effects of overexposure</b>	<p>Eye: Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.</p> <p>Skin: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.</p> <p>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.</p> <p>Inhalation: Vapor and mist are irritating to mucous membranes. 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.</p>
<b>Other effects of overexposure may include</b>	
<b>Primary route(s) of entry</b>	
<b>Medical conditions that can be aggravated</b>	
<b>Sub-Chronic health hazards</b>	May cause headaches, nausea, vomiting and narcotic effect if over-exposed.
<b>Repeated overexposure to this product may cause</b>	
<b>Notice</b>	No appropriate human or animal health effects data are known to exist.

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

## Section III – Information on ingredients

Chemical Identity	CAS Numbers	EINECS #	INCI Name	Classification	Comments	%
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	F, Xi, R11, R36, R66, R67, S2, S16, S26, S33		80-85

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Chemical Identity	CAS Numbers	EINECS #	INCI Name	Classification	Comments	%
2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy) BIS-GMA	1565-94-2	216-367-7	Isopropylidenediphenyl bisoxyhydroxypropyl methacrylate			5-10
2-Hydroxy ethyl methacrylate	868-77-9	205-769-8	HEMA	Xi, R36/38, R43, S2, S26, S28		5-10
N/E - None Established N/R - Not Reviewed	N/DA - No Data Available N/A - Not Applicable					

See Section 16 for Risk and Safety Phrase Key.

## Section IV - First Aid Measures

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.
<b>Eye contact</b>	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently for 15 min. with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
<b>Ingestion</b>	If individual is drowsy or unconscious, do not give anything by mouth; place individual on the leftside with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.
<b>Major Disease and Harm Effect</b>	
<b>First-Aid Personal Protection</b>	
<b>Note to physician</b>	

## Section V - Fire Fighting Measures

<b>Extinguishing Media</b>	Foam, dry chemical, cold water spray.
<b>Combustion products</b>	
<b>Fire and explosion hazard</b>	Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide. Vapors may cause a flash fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.
<b>Special protective equipment for fire fighting</b>	Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

## Section VI - Accidental Release Measures

<b>Personal precautions</b>	Do not use combustible materials, such as saw dust. 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 vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.
<b>Workplace precaution</b>	Eliminate all sources of heat and ignition.
<b>Environmental Protection</b>	
<b>Methods for cleaning up</b>	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.

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## Section VII - Handling and Storage

<b>Handling</b>	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 skin thoroughly after handling.
<b>Storage conditions</b>	Store in a well ventilated area. Store at 70 + 15 ° F, allow some air space above liquid level. Keep containers closed while not in use.
<b>Incompatible products</b>	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 VIII - Exposure Controls / Personal Protective Equipment

Name	CAS Numbers	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA
Ethyl Acetate	141-78-6	400 ppm	400 ppm	Not listed
2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy) BIS-GMA	1565-94-2	N/E	N/E	Not listed
2-Hydroxy ethyl methacrylate	868-77-9	N/E	N/E	Not listed

### Occupational exposure controls

<b>Engineering Controls</b>	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.
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### Personal Protective Equipment

<b>General</b>	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29 CFR 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.
<b>Control parameters</b>	
<b>Eye/ Face Protection</b>	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type of safety glasses.
<b>Skin Protection</b>	Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
<b>Respiratory Protection</b>	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 29 CFR 1910.134 or European Standard EN 149.
<b>Other protective equipment</b>	
<b>Hygienic practices</b>	

## Section IX - Physical and Chemical Properties

### General information

<b>Appearance</b>	<b>Odor &amp; Odor Threshold</b>
Clear liquid	Ester like odor

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## Important health, safety and environmental information

pH	Boiling point / Boiling range	Flash point (°F/°C)	Flammability (solid, gas)	Explosive properties	Oxidizing properties	Vapour pressure
NA	N/DA	TAG Closed: 26F/ -3.3°C				N/DA

Relative density	Solubility Water solubility (20°C)	Partition coefficient: n-octanol/water Log Po/w	Viscosity	Vapour density	Evaporation rate
	Insoluble	N/DA		(Air=1):1	NA

## Other information

Freezing Point	Decomposition Temperature	Auto-ignition Temperature (vol %)	Specific Gravity	Viscosity
N/DA	N/DA	750°F - 900°F	(H <sub>2</sub> O=1):0.92	15cps

Flammable limits (% v/v)	Upper	Lower	Solid Content	VOC, g/L	% Volatile
400ppm				736	W/W%: 50+

## Section X - Stability and Reactivity

<b>Stability</b>	Stable.
<b>Hazardous Polymerization</b>	May occur.
<b>Conditions to Avoid</b>	Heat, flame, ignition sources.
<b>Materials to Avoid</b>	Avoid oxidizing agents, acids and bases (heat).
<b>Hazardous Decomposition Products</b>	Heated material produces NO <sub>2</sub> , CO <sub>2</sub> , CO.

## Section XI - Toxicological Information

<b>Reproductive toxicity</b>	Since this product contains a mixture of active components, the primary toxicological information is derived from the acetates. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.
<b>Skin</b>	Acute Dermal Toxicity: Dermal LD50 (rabbit): >20mL/kg
<b>Eyes</b>	
<b>Inhalation</b>	Acute Inhalation Toxicity: Inhalation LC50 (rat) : 3500 - 8000 ppm / 4 hours
<b>Ingestion</b>	Acute Oral Toxicity: Oral LD50 (rat) : 4.0-6.0 g/kg
<b>Irritation</b>	Irritation-skin: Rabbit : slight Irritation -eye: Rabbit : slight
<b>Sensitization</b>	
<b>Mutagenicity</b>	
<b>Carcinogenity</b>	
<b>Teratogenity</b>	
<b>Sub-chronic Toxicity</b>	N/DA

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## Section XII - Ecological Information

### Ecotoxicological Information

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

### Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

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.

Mobility	
Persistence and degradability	
Bioaccumulative potential	
PBT identification	

## Section XIII - Disposal Concentrations

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. 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 XIV - Transport Information

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s.,(ethyl acetate, monomers), 3, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
<b>Emergency Response Guidebook (ERG) #:</b>	<b>128</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s.,(ethyl acetate, monomers), 3, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	A3
<b>Emergency Response Guidance (ICAO)#:</b>	<b>3L</b>
<b>IMO (IMDG):</b>	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s.,(ethyl acetate, monomers), 3, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	<b>307</b>
<b>Other Information:</b>	<b>Flash point -3.3°C</b>

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## Section XV - Regulatory Information

### US Federal Regulations

<b>Clean Air Act: HAP/ODS</b>	This product contains hazardous air pollutant (HAP), as defined by the U.S. Clean Air Act. • <b>NONE</b> There are no ODS substances in this product.
<b>Clean Water Act: HS/Priority Pollutant</b>	This product contains the following chemicals listed under the U.S Clean Water Act Hazardous Substance List: • <b>NONE</b> The following chemicals are listed as primary pollutants: • <b>NONE</b>
<b>FDA: Food Packaging Status</b>	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
<b>Occupational Safety and Health Act</b>	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: • IMMEDIATE (acute) HEALTH HAZARD • FIRE HAZARD
<b>RCRA</b>	This product contains the following chemicals considered to be hazardous waste under RCRA ( 40 CFR 261): • Ethyl acetate, CAS# 141-78-6, RCRA Code: U112
<b>SARA Title III: Section 302 (TPQ)</b>	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
<b>SARA Title III: Section 302 (RQ)</b>	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): • Ethyl Acetate CAS# 141-78-6, RQ(Lbs): 5000
<b>SARA Title III: Section 311-312:</b>	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 HAZARD • FIRE HAZARD • REACTIVE HAZARD
<b>SARA Title III: Section 313:</b>	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.
<b>TSCA Section 8(b): Inventory:</b>	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
<b>TSCA Significant New Use Rule:</b>	None of the chemicals in this material have a SNUR under TSCA.

### State Regulations

<b>CA Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6
<b>California No Significant Risk Rule:</b>	NONE
<b>MA Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6
<b>NJ Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6
<b>PA Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6
<b>FL Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6
<b>MN Right-to-Know Law:</b>	Ethyl Acetate CAS #141-78-6

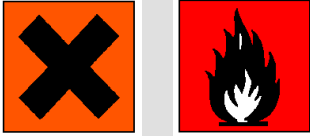
### International Regulations

<b>CDSL: Canadian Inventory (on Canadian Transitional List)</b>	Ethyl Acetate CAS #141-78-6 is on the DSL List. WHMIS = B2, D2B 2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy) BIS-GMA CAS# 1565-94-2 is n/da for the DSL List. WHMIS = n/da 2-Hydroxyethyl methacrylate CAS #868-77-9 on the DSL List. WHMIS = n/da
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## Labeling according to EC directives - 1999/45/EC

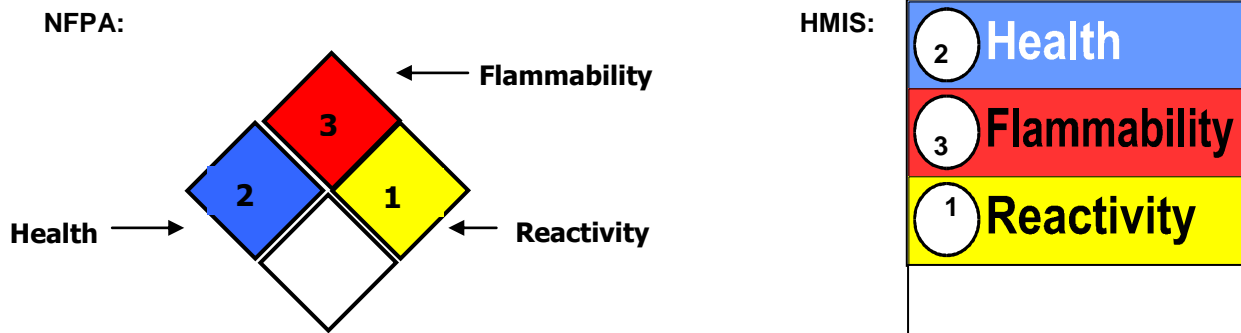
<b>European Community:</b>  	<b>Kinetic Non-Acid Primer:</b> <ul style="list-style-type: none"> <li>• Hazard Symbols: <b>Xi, F.</b></li> <li>• Risk Phrases: <b>R11</b>, highly flammable, <b>R36</b>: Irritating to eyes, <b>R43</b>: May cause sensitization by skin contact, <b>R66</b>: repeated exposure may cause skin dryness and cracking, <b>R67</b>: Vapors may cause drowsiness and dizziness.</li> <li>• Safety Phrases: <b>S16</b>: keep away from sources of ignition- no smoking, <b>S26</b>: in case of contact with eyes, rinse immediately, <b>S28A</b>: after contact with skin, wash immediately with plenty of water, <b>S33</b>: take precautionary measures against static discharges, <b>S36/37</b>: Wear suitable protective clothing and gloves.</li> </ul>
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## Section XVI - Other Information

### EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):

<b>Hazard Symbol:</b>	X <sub>i</sub> - Irritants, F - Flammable substance or preparations.
<b>Risk phrases:</b>	R11 - Highly flammable; R36 - Irritating to eyes; R36/38 - Irritating to eyes and skin; R43 - May cause sensitization by skin contact; R66 - Repeated exposure may cause skin dryness or cracking; R67 - Vapors may cause drowsiness and dizziness.
<b>Safety phrases:</b>	S2 - Keep out of the reach of children; S16 - Keep away from sources of ignition - No smoking; S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S28 - After contact with skin, wash immediately with plenty of water; S33 - Take precautionary measures against static discharges.

### Hazard Rating System (Pictograms)



MSDS prepared by:	BSQ
Revision History:	11/28/04 Updated formatting and Section II % content revision
	12/20/07 DOT Name update
	09/18/08 Updated section 16
	10/22/08 Updated format
	11/04/08 Updated Risk and Safety phrases
	12/09/08 Updated specific gravity and VOC
	03/16/09 Updated to meet Globally Harmonized System requirements. Added the EU address to section 1. Switched location of section 2 with section 3. Changed the title in sections 1, 8, and 13. Moved MSDS preparation to section 16.

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