

# MATERIAL SAFETY DATA SHEET

## YOU® Switzerland VIP Gel Aqua

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

**PRODUCT NAME:** YOU Switzerland VIP Gel Aqua

**PRODUCT TYPE:** Intermediate thickness special clear UV gel

**APPLICATIONS:** Nail enhancement

**EMERGENCY 24-HOUR PHONE NO. CHEM-TEL**

**In United States** 1-800-255-3924

**Outside United States** (CALL COLLECT) 1-813-248-0585

**SUPPLIER:**

BACKSCRATCHERS SALON SYSTEMS, INC.  
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Elk Grove, CA 95624  
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**EMERGENCY CONTACT IN EUROPEAN UNION:**

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Avenue de Tervueren 300  
B-1150 Brussels, BELGIUM

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INCI INGREDIENT NAME	CAS NO.	CONTENTS	HEALTH (CLASS)	RISK (R NO.)
Urethane Acrylate Prepolymer		60-100%		
Trimethylolpropane Trimethacrylate	3290-92-4	10.0-30.0%		
Carboxyethyl Acrylate		3.0-7.0%		
Trade Secret 1		1.0-5.0%		
Trade Secret 2		0.1-1.0%		

### 3. HAZARDS IDENTIFICATION

**HMIS: HEALTH - 1**

**FLAMMABILITY - 1**

**CHEMICAL REACTIVITY - 1**

**WARNING FOR MIXTURE :**

**May irritate eyes, skin and respiratory tract.**

**PRIMARY ROUTES OF ENTRY:** Inhalation, skin or eyes.

#### FOR URETHANE ACRYLATE PREPOLYMER:

**ACUTE HAZARDS**

**EYES:** May cause irritation.

**INGESTION:** May be harmful.

**RESPIRATORY TRACT:** May cause irritation.

**SKIN:** May cause irritation.

**CHRONIC HAZARDS**

**RESPIRATORY TRACT:** Prolonged or repeated exposure may cause irritation.

**SKIN:** May cause sensitization.

#### FOR TRIMETHYLLOPROPANE TRIMETHACRYLATE:

**ACUTE HAZARDS**

**EYES:** May cause slight irritation.

**INHALATION:** No significant signs or symptoms indicative of any adverse health hazard are expected to occur due to the low volatility of material.

**SKIN:** May cause slight irritation, may be a sensitizer.

**CHRONIC HAZARDS**

**EYES:** Irritation may include excessive tearing, blinking and redness.

**INHALATION:** Aerosols or vapors which are generated at elevated temperatures may cause irritation.

**SKIN:** May cause a severe reaction on repeated application. May cause delayed irritation or blistering.

#### FOR CARBOXYETHYL ACRYLATE:

**ACUTE HAZARDS**

**EYES:** Severe irritant. Can cause redness, irritation, corneal opacity.

**INGESTION:** Can cause nausea, vomiting, abdominal cramps.

**INHALATION:** Can cause upper-respiratory-tract irritation, lung irritation, a burning sensation.

**SKIN:** Severe irritant. Can cause redness, inflammation, irritation, swelling, blisters.

**CONDITIONS AGGRAVATED BY EXPOSURE :** Chronic respiratory disorders such as asthma, emphysema or bronchitis. May aggravate existing skin conditions.

**CHRONIC HAZARDS**

**Eyes:** May cause permanent damage.

#### FOR TRADE SECRET<sup>1</sup>:

**EYES:** Not expected to cause irritation.

**SKIN:** Not expected to cause irritation.

**INGESTION:** May be harmful if swallowed.

**INHALATION:** Not expected to cause irritation.

**CARCINOGENICITY:** None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

#### FOR TRADE SECRET<sup>2</sup>:

**EYES:** May be harmful and/or cause irritation.

**INGESTION:** May be harmful and/or cause irritation.

**INHALATION:** May be harmful and/or cause irritation.

**SKIN:** May be harmful and/or cause irritation.

### 5. FIREFIGHTING MEASURES

**FLASH POINT:** >200° F/93° C **FLAMMABLE LIMIT: AIR VOL% LOWER:** No Data **UPPER:** No Data

**AUTOIGNITION TEMPERATURE:** No Data

**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide, dry chemical, water fog.

**PROTECTIVE FIRE EQUIPMENT:** Wear self-contained breathing apparatus, and full protective gear.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Heat can cause polymerization with rapid release of energy that may rupture container explosively. ) Spontaneous polymerization may occur on prolonged storage).

**OTHER:** Fight fire from protected location. Sensitive to static discharge. Use water spray to cool containers.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEANUP METHODS:** Evacuate the area. Eliminate sources of ignition. Use self-contained breathing apparatus and protective clothing. Dike and absorb with inert material. Transfer to proper containers for disposal, use non-sparking tools. Contaminated monomer may be unstable, add inhibitor to prevent polymerization. Keep spills and cleaning runoffs out of sewers and open bodies of water. Spills on porous surfaces can contaminate the groundwater. Flush area with water to remove residue.

**WASTE DISPOSAL METHOD:** Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29CFR 1910). Incinerate liquid and diking material after addition of excess inhibitor, in a system that uses compatible fuel, in accordance with Federal, State, and Local regulations.

### 7. HANDLING AND STORAGE

**PRECAUTIONS- HANDLING:** Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Observe precautions found on the label. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment. Use good personal hygiene and housekeeping.

**PRECAUTIONS - STORAGE:** Store in dry place away from heat, sparks, flame and direct sunlight. Store away from foodstuff and alkaline substances. Product may congeal or stratify if cold. Spontaneous polymerization may occur on prolonged storage.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**VENTILATION:** Use good, local explosion-proof ventilation with a minimum capture velocity of 100ft/min (30 m/min) at point of monomer release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists. Local exhaust ventilation is preferred since it prevents contamination dispersion into the work area by controlling it at its source.

**PERSONAL PROTECTION:** Wash face and hands thoroughly with soap and water after use and before eating, drinking, smoking or applying cosmetics. Remove contaminated clothing and wash thoroughly before reuse.

**HAND PROTECTION:** Wear protective gloves: impervious, nitrile.

**EYE PROTECTION:** Safety glasses or chemical splash goggles.

**RESPIRATORY PROTECTION:** Use self-contained breathing apparatus when needed.

**GENERAL PROTECTIVE MEASURES:** Provide eyewash, safety shower and impervious clothing. Protective creams should not be used for protection, but may be used for ease of cleanup.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, water white liquid

**MATERIAL TYPE:** Thick clear UV gel

**COLOR/ODOR:** Clear/acrylate

**BOILING POINT:** N/DA

**MELTING POINT:** N/DA

**WATER SOLUBILITY:** Negligible, <0.1%

**FLASH POINT:** >200° F, >93° C

**AUTO IGNITION TEMP:** N/DA

**VISCOSITY:** N/DA

**REFRACTIVE INDEX [20°C]:** N/DA

**SOLUBILITY IN:** N/DA

**ACID NO. [mgKOH/g]:** N/DA

**VAPOR PRESSURE:** 0.01 mm Hg

**VAPOR DENSITY (AIR=1):** N/DA

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.080

**PH:** N/DA

**ODOR THRESHOLD:** N/DA

**PERCENT VOLATILE W/W%:** < 1 @ 70° C, 158° F

**VOC CONTENT BY WEIGHT:** N/DA

**COEFFICIENT OF WATER/OIL DISTRIBUTION:** N/DA

### 10. STABILITY AND REACTIVITY

**STABILITY:** Unstable

**HAZARDOUS DECOMPOSITION PRODUCTS:** Mainly Oxides of Carbon when burned.

**HAZARDOUS POLYMERIZATION:** May occur.

**CONDITIONS TO AVOID:** High temperatures, freezing, ignition sources, oxidizing conditions, inert gas blanketing, direct sunlight and UV radiation.

**MATERIALS TO AVOID:** Reducing and oxidizing agents, free radical initiators, inert gases, oxygen scavengers.

### 4. FIRST AID MEASURES

**INHALATION:** Remove to fresh air immediately. If symptoms persist, obtain medical attention.

**EYES:** Flush with water for 15 minutes, including under eyelids. Obtain emergency medical attention if pain, blinking, tears or redness persists.

**SKIN:** Wash thoroughly with soap and lukewarm water. If sticky, use waterless cleaner first. If symptoms persist obtain medical attention.

**INGESTION:** Do not induce vomiting. Dilute by drinking large quantity of water or milk. Get medical attention.

**11. TOXICOLOGY INFORMATION:**

**ROUTE(S) OF ENTRY:** Inhalation, Skin or Eyes  
**INGESTION:** N/DA

**HEALTH HAZARDS: HUMAN EXPERIENCE:**

**TARGET ORGANS:**  
**For mixture:** None listed  
**For Urethane Acrylate Prepolymer:** None listed  
**For Trimethylolpropane Trimethacrylate:** None listed  
**For Carboxyethyl Acrylate:** None listed  
**For Trade Secret<sup>1</sup>:** None listed  
**For Trade Secret<sup>2</sup>:** Lungs, thorax, respiratory system

**TOXICITY DATA:**

**For mixture:** None listed  
**For Trimethylolpropane Trimethacrylate:**  
 Intraperitoneal Mouse LD50 2889 mg/kg  
**For Carboxyethyl Acrylate:** None listed

**SENSITIVITY DATA:**

**For mixture:** None listed

**For Carboxyethyl Acrylate:**

Acute Eye Rabbit – Severely irritating.  
 Acute Skin Rabbit – Severely irritating.

**For Trade Secret<sup>1</sup>:**

Acute Oral Rat LD50 1694 mg/kg  
 Acute Skin Rat LD50 6930 mg/kg  
 Intraperitoneal Rat LD50 824 mg/kg  
 Oral Rat NOEL 100 mg/kg

**For Trade Secret<sup>2</sup>:**

Intraperitoneal Mouse LD50 920 mg/kg  
 Intraperitoneal Rat LD50 820 mg/kg  
 Intravenous Mouse LD50 910 mg/kg  
 Intravenous Rat LD50 830 mg/kg  
 Oral Mouse LD50 10 gm/kg  
 Subcutaneous Mouse LD50 2700 mg/kg  
 Subcutaneous Rat LD50 3400 mg/kg

**For Trade Secret<sup>1</sup>:**

Eye Rabbit – not an irritant.  
 Sensitizer Guinea Pig – Sensitizer in maximum test.  
 Skin Rabbit – Not an irritant.

**MUTAGENICITY DATA:**

**For mixture:** None listed

**For Urethane Acrylate Prepolymer:** E. Coli Ames: Negative

**CARCINOGEN:** None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

**For Trade Secret<sup>1</sup>:** E. Coli Ames: Non-mutagenic

**For Trimethylolpropane Trimethacrylate:** Mouse lymphoma studies indicate that this material may have a mutagenic potential. However, the Ames assay for mutagenicity was negative. Therefore, there is reason to believe the mouse lymphoma assay was a false positive.

**12. ECOLOGICAL INFORMATION****AQUATIC TOXICITY:**

**For mixture:** None listed  
**For Urethane Acrylate Prepolymer:** None listed  
**For Trade Secret<sup>2</sup>:** None listed

**ECOLOGICAL TOXICITY:**

**For Carboxyethyl Acrylate:** None listed

**For Trade Secret<sup>1</sup>:**

Golden Orfe LC50 160 ppm/96H  
 Green Algae EC50 0.64 ppm/72 H  
 Sewage Bacteria IC50 3 ppm

**CHEMICAL FATE:**

**For Carboxyethyl Acrylate:** None listed  
**For Trade Secret<sup>1</sup>:** Biodegradability: 95%/28 days

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29 CFR 1910). Incinerate liquid and diking material after addition of excess inhibitor, in a system that uses compatible fuel, in accordance with state, local and federal regulations.  
**DISPOSAL OF EMPTY CONTAINERS:** Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. It is our policy to discourage the reuse of empty containers and to dispose of all empty containers properly, in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**Not regulated**

**15. REGULATORY INFORMATION**

ITEM	TSCA	EINECS	CERCLA	CAA	CWA	RCRA	SARA	313	MAK
01	X								
02	X	X						X	
03	X	X	X				X		
04	X	X							
05	X	X							

ITEM	AUSTRALIA	CANADA	CHINA	JAPAN	KOREA	PHILIPPINE
02	X	X	X	X	X	X
03	X	X		X	X	
04	X	X		X	X	

ITEM	CA65	FL	MA	MI	MN	NJ	PA	WA
02	X				X			
04						X	X	

**TSCA: FOR USE IN FDA-REGULATED PRODUCTS ONLY**

**CANADIAN WHMIS:** This product has been classified in accordance with the hazardous criteria of the CPR and the MSDS contains all the information required by the CPR.

All of the components of this material are listed on the Canadian DSL.

**RISK PHRASES:**

R36/37/38- Irritating to eyes, respiratory system and skin.  
 R43- May cause sensitization by skin contact.

**SAFETY PHRASES:**

S3- Keep in cool place.  
 S7- Keep container tightly closed  
 S9- Keep container in a well-ventilated place.  
 S20- When using do not eat or drink.  
 S16- Keep away from sources of ignition. No smoking  
 S33 -Take precautionary measures against static discharges.  
 S37/39- Wear suitable gloves and eye/face protection.

**16. OTHER INFORMATION****HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:**

**HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1**  
**PERSONAL PROTECTIVE EQUIPMENT:** Gloves and safety glasses or chemical splash goggles.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:**

**HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 1**

**ABBREVIATIONS:**

Ppm: Parts Per Million  
 Kg: Kilogram  
 Pa: Pascals  
 LD: Lethal Dose  
 H: Hours  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 PEL: Permissible Exposure Limit  
 Mg: Milligram  
 NA: Not Applicable  
 G: Gallon  
 TD: Toxic Dose  
 Min: Minutes  
 IARC: International Agency for Research for Cancer  
 CPR: Controlled Products Regulation  
 Gm: Gram  
 Mm: Millimeter  
 L: Liter  
 NOEL: No Observed Effect Level  
 TLV: Threshold Limit  
 OSHA: Occupational Safety and Health Administration

**GUIDANCE NOTES:** The data contained herein is based upon information that Backscratchers believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. 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 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 other products, the information contained within this MSDS may not be applicable.

**REVISION COMMENTS:**

**DATE:** 8/10/06