

MATERIAL SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier UV Gel - Z Range		Code Z-**
Product Use For Professional Use Only		
Manufacturer's / Suppliers Name Naio Nails UK Ltd.		
Street Address 5 Portrack Court, Stockton-On-Tees, TS18 2XB, United Kingdom.		Emergency Contact Details Infotrac +1 (800) 535-5053 Outside USA +1 (352) 353-3500
Date MSDS Prepared 15-December-2016	MSDS Prepared By Daniel Anderton	Phone Number 0333 1211109

SECTION 2 — HAZARDS IDENTIFICATION

Potential Health Effects, Signs and symptoms of exposure.

Primary Route of Entry	No specific information available
Eye	No specific information available. Contains materials that are essentially non irritating, but contact may cause slight transient irritation.
Skin	No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.
Ingestion	No specific information available. Contains materials that may be practically nontoxic
Inhalation	No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be irritating
Sub-Chronic Effects	No specific information available.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

* = The following ingredients may or may not be included depending on application

Product / Ingredient Name	INCI Name	Identifiers - CAS	%	Hazard Symbols / Risk Phrases / Safety Phrases
Polyurethane Acrylate Oligomer	Di-Hema Trimethylhexyl Dicarbamate	Exempt	55 - 65	Xi, R36, R37, R38, S03, S07, S36/37, S62
Tetraethylene glycol dimethacrylate	PEG-4 Dimethacrylate	109-17-1	20 - 30	Xi, R36, R38, S21, S24/25, S26, S41

Trimethylolpropane Trimethacrylate esters	Trimethylolpropane Trimethacrylate	3290-92-4	5 - 10	Xi, R36, R37, R38 S26
Hydroxycyclohexyl phenyl ketone	Hydroxycyclohexyl phenyl ketone	947-19-3	0 - 1	Xi, R36, R37, R38, S26, S37
Benzophenone	Benzophenone	119-61-9	0 - 1	N/A
D&C Violet #2 *	CI 60725	201-353-5	0 - 1	N/A
D&C Red #7 *	CI 15850	5281-04-9	0 - 1	N/A
Titanium Dioxide *	CI 77891	13463-67-7	0 - 1	N/A
D&C Yellow #10 *	CI 47005	8004-92-0	0 - 1	N/A

- See Section 16 for Risk and Safety Phrase Key

SECTION 4 — FIRST AID MEASURES

Description of first aid measures

Eye Contact	Flush with plenty of water for 15 minutes and seek medical attention
Inhalation	In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
Skin Contact	Remove contaminated clothing and wash contact area with soap and water for 15 minutes
Ingestion	If appreciable quantities are swallowed, seek medical attention.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SECTION 5 — FIRE FIGHTING MEASURES

Flash Point(°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
>212 °F/100 °C Setaflash	No Data	No Data

Method

Extinguishing media	Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires
Fire Fighting Instructions	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists
Unusual Hazards	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures	Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Absorb with inert material and dispose. Flush area with water; prevent washings from entering waterways.
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SECTION 7 — HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.
Storage	Store in a cool place, away from heat and light. Store at temperatures below 100°F.
Explosion Hazard	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls	Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.
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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 eyewash 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	Chemical splash goggles.
Skin Protection	Impervious gloves (Neoprene).
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

Physical State Liquid	Odour and Appearance Light [Coloured] Mobile Liquid	Colour Transparent / Coloured
Specific Gravity 1.14	Vapour Density (air = 1) Unknown	Flash Point Closed cup: 100 °C
Evaporation Rate Unknown	Boiling Point (° C) Unknown	Freezing Point (°C) N/A
pH Unknown	Coefficient of Water/Oil Distribution Unknown	[Solubility in Water] 20 °C Insoluble

Highly flammable and explosive in the presence of the following materials or conditions:
open flames, sparks and static discharge and heat

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable under normal conditions of storage and use.
Possibility of hazardous reactions	Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerise exothermically. Unintentional contact with them should be avoided.
Conditions to avoid	Storage > 100 °F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials
Incompatibility (Materials to Avoid)	Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
Hazardous decomposition products	Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide
Hazardous Polymerization	May occur -- Uncontrolled polymerization may cause rapid evolution of Heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of acute exposure	<p>Eye contact : No known significant effects or critical hazards</p> <p>Inhalation : No known significant effects or critical hazards</p> <p>Skin contact : Causes skin irritation. May cause an allergic skin reaction</p> <p>Ingestion : No known significant effects or critical hazards</p>
Effects of chronic exposure	<p>General: No known significant effects of critical hazards</p> <p>Carcinogenicity : No known significant effects or critical hazards.</p> <p>Mutagenicity : No known significant effects or critical hazards.</p> <p>Teratogenicity : No known significant effects or critical hazards. Not available.</p> <p>Developmental effects : No known significant effects or critical hazards.</p> <p>Fertility effects : No known significant effects or critical hazards.</p>

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Sewage Bacteria
No Data Available	No Data Available	No Data Available	No Data Available	No Data Available

Chemical Fate Information

Biodegradability	No Data Available
Chemical Oxygen Demand	No Data Available

SECTION 13 — DISPOSAL CONSIDERATIONS


Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generator's responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations. 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.

SECTION 14 — TRANSPORT INFORMATION

	ADR/RID	ADN	IMDG	IATA
UN number	Unrestricted	Unrestricted	Unrestricted	Unrestricted
UN proper shipping name	Non Regulated Material	Non Regulated Material	Non Regulated Material	Non Regulated Material
Transport hazard class(es)	None	None	None	None
Packing group	None	None	None	None
Environmental hazards	None	No	No	No

SECTION 15 - REGULATORY INFORMATION

Labeling accord to EC directives - 1999/45/EC

European Community	Hazard Symbols: Xi (Irritant)
UV Base Gel	Risk Phrases: R20 (Harmful by Inhalation), R43 (May cause sensitisation by skin contact)
	Safety Phrases: S24/25 (Avoid contact with skin and eyes) S28 (After contact with skin, wash immediately with plenty of water) S37 (Wear suitable protective gloves) S45 (In case of accident, or if you feel unwell, seek medical advice immediately. Show label where possible.)

SECTION 16 — OTHER INFORMATION

EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):	Hazard Symbol: Xi – Irritants
	Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin
	Safety Phrases: S3/7 - Keep container tightly closed in a cool place; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S36/37 Wear suitable protective clothing and gloves; S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein, Nor do we or any other of our parties accept liability for loss of profits based on calculations of the the contents of this MSDS.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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