

## SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier****Product Name:** PURITY GEL**Product Code:** N2260-62-69**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** UV Nail Gel**1.3 Details of the supplier of the safety data sheet****Company Name:** Pure NailsUnit 10 Saracen Close  
Gillingham Business Park  
Gillingham, Kent  
ME8 0QN**Telephone:** 01634 671122**Website:** www.purenails.co**E-mail:** marketing@purenails.co**1.4 Emergency telephone number**

01634 671122

## SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture****Classification according to WE/1272/2008 (CLP):**

Acute Tox. 4	H302	Harmful if swallowed.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

**2.2 Label Elements****GHS/CLP Classification:****Signal word: Warning****Hazard statements:**

Acute Tox. 4	H302	Harmful if swallowed.
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Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233	Keep container tightly closed.
P235	Keep cool.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P403	Store in a well-ventilated place.

**2.3 Other Hazards**

NDA

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substances

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## 3.2 Mixtures

Chemical Identity and concentration range	CAS No.	WE No.	GHS/CLP Classification
Urethane Methacrylate 30.0-40.0%	N/E	N/E	Skin Irrit. 2 H315; Eye Irrit. 2 H319; Aquatic Chronic 2 H411
Urethane Acrylate Oligomer 30.0-40.0%	N/E	N/E	Eye Irrit. 2 H319
Trimethylolpropane Trimethacrylate (TMPTMA) 10.0-15.0%	3290-92-4	221-950-4	Aquatic Chronic 2 H411
Trimethylolpropane Triacrylate 5.0-8.0%	15625-89-5	239-701-3	Skin Irrit. 2 H315; Skin Sens. 1 H317 Eye Irrit. 2 H319
Tripropylene Glycol Diacrylate 4.0-8.0%	42978-66-5	256-032-2	Skin Irrit. 2 H315; Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Chronic 2 H411
Hydroxycyclohexyl Phenyl Ketone 2.0-5.0%	947-19-3	213-426-9	N/E
Benzophenone 1.0-2.0%	119-61-9	204-337-6	Skin Irrit. 2 H315; Eye Irrit. 2 H319 Aquatic Chronic 3 H412
Silica 1.0-2.0%	7631-86-9	N/E	N/E
CI51319 0.0-0.005%	6358-30-1	228-767-9	Skin Sens. 1 H317

Full text of H-phrases is provided in section 16.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

**First aid for skin:**

Remove contaminated clothing and wash immediately contact area with soap and water for 15 minutes. If irritation persists seek medical attention.

**First aid for eye:**

Rinse immediately with plenty of water for 15 minutes and seek medical attention.

**First aid for ingestion:**

Do not induce vomiting. Rinse the mouth with water. If appreciable quantities are swallowed or if you feel unwell, seek medical attention.

**First aid for inhalation:**

Remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. If symptoms persist seek medical attention.

## 4.2 Most important symptoms and effects both acute and delayed

**Skin contact:**

In case of prolonged contact: redness, dryness, allergic reactions

**Eye contact:**

Tearing, burning, redness, irritation.

**Ingestion:**

Gastric problems, nausea, vomiting, diarrhoea.

**Inhalation:**

Headaches and dizziness.

## 4.3 Indication of any immediate medical attention and special treatment needed

After a thorough examination of the casualty the doctor decides what rescue proceedings should be taken.

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media**

Use carbon dioxide, dry chemical, aqueous foam. Do not use water stream.

**5.2 Special hazards arising from the substance or mixture**

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. Cool containers with water spray.

**5.3 Advice for firefighters**

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapours or products of combustion exists. Do not allow run-off from firefighting to enter drains or water courses.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Provide adequate ventilation. Avoid breathing fumes.

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.

**6.2 Environmental precautions**

Place leaking containers in a well ventilated area. Dike and recover large spills.

**6.3 Methods and material for containment and cleaning up**

Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into a disposal container. Wash spill area with a strong detergent and water solution; rinse with water but minimize water use during clean-up. Do not flush to sewer!

**6.4 Reference to other sections**

Disposal of the product - Section 13

Personal protection – Section 8

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Avoid contact with skin, eyes and breathing vapours. Product extremely light sensitive - avoid exposure to light. Keep container closed when not in use. 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.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool place, away from heat and light sources. Store at temperatures below 100°F.

**7.3 Specific end use(s)**

NDA

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

The product composition has no high concentration components subject to control exposure in the work place.

**8.2 Exposure controls**

To identify additional Personal Protective Equipment 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.

**8.2.1 Occupational exposure controls****Respiratory protection**

In case of insufficient ventilation wear adequate self-breathing apparatus

**Hand protection**

Wear impervious gloves (recommended material: neoprene). Do not wear natural rubber gloves.

**Eye protection**

Wear chemical splash safety goggles. Do not wear contact lenses when using the product.

#### Skin protection

Wear impervious protective clothing with long sleeves

#### 8.2.2 Environmental exposure controls

Do not allow to enter ground water, sewage, waste or soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on physical and chemical properties

<b>Appearance</b>	Transparent gel
<b>Odor &amp; Odor Threshold</b>	characteristic acrylate odour
<b>pH</b>	no data
<b>Viscosity</b>	no data
<b>Decomposition/Temperature</b>	no data
<b>Octanol/Water Partitioning Coefficient Log Po/w</b>	no data
<b>Vapour Pressure:</b>	no data
<b>Vapour Density</b>	no data
<b>Evaporation Rate</b>	no data
<b>Ignition</b>	no data
<b>Solubility In Water (20°C)</b>	insoluble
<b>Flash Point (°F/°C)</b>	no data
<b>Flammable Limit (vol%)</b>	no data
<b>Auto-ignition Temperature</b>	no data

### 9.2 Other information

NDA

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

The product is stable under recommended transport or storage conditions.

### 10.2 Chemical stability

The product is stable under recommended transport or storage conditions.

### 10.3 Possibility of hazardous reactions

Uncontrolled polymerization

### 10.4 Conditions to avoid

Storage >100°F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials, heat, sparks, open flame.

### 10.5 Incompatible materials

Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, strong bases and acids.

### 10.6 Hazardous decomposition products

Carbon oxide, carbon dioxide, nitrogen oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute Oral Toxicity</b>	No information available
<b>Acute Dermal Toxicity</b>	No information available
<b>Acute Inhalation Toxicity</b>	No information available
<b>Skin contact:</b>	May cause redness, dryness, allergic reactions
<b>Eye contact:</b>	May cause tearing, burning, redness, irritation
<b>Ingestion:</b>	May cause gastric problems, nausea, vomiting, diarrhoea
<b>Inhalation:</b>	May cause headaches and dizziness
<b>Sensitization</b>	N/DA
<b>Mutagenicity</b>	N/DA
<b>Sub-chronic Toxicity</b>	N/DA

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity**

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

**12.2 Persistence and degradability**

NDA

**12.3 Bioaccumulative potential**

Bioaccumulation potential.

**12.4 Mobility in soil**

Mobility in soil and water is low

**12.5 Results of PBT and vPvB assessment**

NDA

**12.6 Other adverse effects**

NDA

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Do not allow to enter natural environment. Dispose of waste material in accordance with local and national regulations.

Empty containers represent a fire hazard as they may contain residual product and flammable vapours. They may explode during contact with any source of ignition. Do not cut, drill, or weld nearby the container. Dispose of empty containers in an authorized landfill or incinerate in accordance with local regulations.

## SECTION 14: TRANSPORT INFORMATION

The product is not classified as dangerous during transport.

**14.1 UN Number**

NDA

**14.2 UN Proper Shipping Name**

NDA

**14.3 Transport hazard class(es)**

NDA

**14.4 Packing group**

NDA

**14.5 Environmental Hazards**

NDA

**14.6 Special precautions for user**

NDA

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

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## SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP and ODS's), as defined by the U.S. Clean Air Act: • <b>Benzophenone, CAS# 119-61-9 (SOCMI)</b>
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant 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.
RCRA	This product is not considered to be a hazardous waste (40 CFR 261)

SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical 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)
SARA Title III: Section 313:	This product contains no chemicals 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.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

International Regulations:

1.  EINECS: European Inventory:	<p><b>Hazard statements:</b> <b>H302</b> Harmful if swallowed; <b>H315</b> Causes skin irritation; <b>H317</b> May cause an allergic skin reaction; <b>H319</b> Causes serious eye irritation; <b>H335</b> May cause respiratory irritation; <b>H411</b> Toxic to aquatic life with long lasting effects</p> <p><b>Precautionary statements:</b> <b>P210</b> Keep away from heat/sparks/open flames/hot surfaces. — No smoking; <b>P233</b> Keep container tightly closed; <b>P235</b> Keep cool; <b>P270</b> Do not eat, drink or smoke when using this product; <b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection; <b>P403</b> Store in a well-ventilated place</p>
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**15.2 Chemical safety assessment**

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**SECTION 16: OTHER INFORMATION**

**Full range of H-Phrases from Section 2 and 3.**

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**P-Phrases**

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**Disclaimer/Statement of Liability:**

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