

## SAFETY DATA SHEET

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

**1.1 Product identifier****Product Name:** PURITY SCULPTING CLEAR**Product Code:** N2263-65**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****Hazard statements:**

Acute Tox. 4	H302	Harmful if swallowed.
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STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case on inadequate ventilation wear respiratory protection

**2.3 Other Hazards**

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Chemical Identity and concentration range		CAS No	WE No	GHS/CLP
Polyurethane Acrylate Oligomer	60.0-70.0%	N/E	N/E	Skin Irrit. 2 H315; Eye Irrit. 2 H319, Aquatic Chronic 2 H411
Trimethylolpropane Trimethacrylate	10.0-14.0%	3290-92-4	221-950-4	Aquatic Chronic 2 H411
Trimethylolpropane Triacrylate	4.0-7.0%	15625-89-5	239-701-3	Skin Irrit. 2 H315; Skin Sens. 1 H317; Eye Irrit. 2 H319
Hydroxycyclohexyl Phenyl Ketone	2.5-5.5%	947-19-3	213-426-9	N/E
Benzophenone	2.0-5.0%	119-61-9	204-337-6	Skin Irrit. 2 H315; Eye Irrit. 2 H319, Aquatic Chronic 3 H412
Silica	1.0-2.5%	7631-86-9	231-545-4	N/E
Methacrylic acid	1.0-2.0%	79-41-4	201-204-4	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1A H314 Acute Tox. 4 H332 STOT SE 3 H335
CI 51319	0.0-0.001%	6358-30-1	228-767-9	Skin Sens. 1 H317

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

### 3.2 Mixtures

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## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### First aid for skin:

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

#### First aid for eye:

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

#### First aid for ingestion:

If appreciable quantities are swallowed, seek medical attention.

#### First aid for 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

### 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.

#### Inhalation:

Headaches and dizziness.

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

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

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

### 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.

### 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.

## 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. 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/

### 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 and eyes. Avoid breathing vapor. Keep container closed when not in use. Product extremely light sensitive - avoid 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.

### 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)

Nail gel.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

The product composition has no components subject to control exposure in the workplace.

### 8.2 Exposure controls

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.

#### 8.2.1 Occupational exposure controls

##### 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.

##### Hand protection

Wear impervious gloves (Neoprene).

##### Eye protection

Wear chemical splash goggles

##### Skin protection

Wear impervious clothes.

#### 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>	clear, mobile liquid
<b>Odour &amp; Odour 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>	no data
<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 reacts with strong oxidizing agents, reducing agents, bases, acids.

### 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.

### 10.5 Incompatible materials

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

### 10.6 Hazardous decomposition products

NDA

## 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>	In case of prolonged contact: redness, dryness, allergic reactions
<b>Eye contact:</b>	May cause tearing, burning, redness, irritation
<b>Ingestion:</b>	May cause gastric problems, nausea, vomiting
<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**

Harmful to aquatic organisms, May cause long term adverse effects in the aquatic environment

**12.2 Persistence and degradability**

NDA

**12.3 Bioaccumulative potential**

NDA

**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**

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

Dispose of dicing materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapours 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**

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**

NDA

**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: <ul style="list-style-type: none"> <li>• Benzophenone, CAS# 119-61-9 (SOCMI)</li> </ul>
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. Its hazards are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul>

RCRA	This product is not considered 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.
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). Its hazards are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul>
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:**

CDSL: Canadian Inventory (on Canadian Transitional List)	Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS = n/da Hydroxycyclohexyl phenyl ketone CAS #947-19-3 is on the DSL list. WHMIS = n/da Benzophenone, CAS #119-61-9 is on the DSL list. WHMIS = n/da Ethylene glycol dimethacrylate CAS #97-90-5 is on the DSL list. WHMIS = D2B.
EINECS: European Inventory:	<ul style="list-style-type: none"> <li>• SIGNAL WORD: <b>Warning</b></li> <li>• HAZARD STATEMENTS: <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</li> <li>• PRECAUTIONARY STATEMENTS: <b>P262</b> Do not get in eyes, on skin, or on clothing; <b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection; <b>P285</b> In case on inadequate ventilation wear respiratory protection</li> </ul>

**15.2 Chemical safety assessment**

NDA

**SECTION 16: OTHER INFORMATION**

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

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**P-Phrases**

P262	Do not get in eyes, on skin, or on clothing.
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**Disclaimer/Statement of Liability:**

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