

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: PURITY PURE WHITE

Product Code: N2276-77

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 Nails

Unit 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 CHIP:

- R36/37/38 Irritating to eyes, respiratory system and skin.
- R43 May cause sensitization by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Classification according to WE/1272/2008 (CLP):

- 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.
- Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Code letter and symbols of danger



Xi Irritant

Risk phases:

- R36/37/38 Irritating to eyes, respiratory system and skin.
- R43 May cause sensitization by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

S-Phrases

- S3 Keep in cool place.
- S7 Keep container tightly closer.
- S9 Keep container in a well ventilated place.
- S16 Keep away from sources of initiation - No smoking!.

S20 When using do not eat or drink.
 S37/39 Wear suitable protective clothing and gloves.

GHS/CLP Classification



Hazard statements:

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.
Aquatic Chronic 3	H412	Harmful 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

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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3.2 Mixtures

Chemical Identity and concentration range	CAS No.	EINECS No.	Hazard symbols	GHS/CLP Classification
Polyurethane Acrylate Oligomer 60.0-80.0%	N/E	N/E	Xi R:36	Eye Irrit. 2 H319
Trimethylolpropane Trimethacrylate 5.0-10.0%	3290-92-4	221-950-4	R51/53	Aquatic Chronic 2 H411
Tripropylene Glycol Diacrylate 3.0-5.0%	42978-66-5	256-032-2	Xi R:36/37/38, R:43, R:52/53	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319; STOT SE 3 H335; Aquatic Chronic 2 H411
Trimethylolpropane Triacrylate 3.0-5.0%	15625-89-5	239-701-3	Xi R:36/38; R:43	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319
Hydroxycyclohexyl Phenyl Ketone 2.0-5.0%	947-19-3	213-426-9	N/E	N/E
Benzophenone 1.0-3.0%	119-61-9	204-337-6	Xi R:36/38; R:52/53	Skin Irrit. 2 H315 Eye Irrit. 2 H319; Aquatic Chronic 3 H412
Silica 0.0-1.0%	7631-86-9	N/E	N/E	N/E
Polyester Acrylate 0.0-1.0%	N/E	N/E	R:43	N/E
Dipropylene Glycol Diacrylate 0.0-1.0%	57472-68-1	260-754-3	Xi R:38, R:41, R:43	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319
Modified Polyether Acrylate 0.0-1.0%	N/E	N/E	Xi Xn R:22, R:36, R:43	Acute Tox. 4 H302; Skin Sens. 1 H317; Eye Irrit. 2 H319
CI51319 0.0-1.0%	6358-30-1	228-767-9	Xi R:43	Skin Sens. 1 H317
CI77891 0.0-1.0%	13463-67-7	236-675-5	Xi R:43	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 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 injured the doctor decides how rescue proceedings should be.

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 work place.

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

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

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

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

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 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

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: <ul style="list-style-type: none"> • Benzophenone, CAS# 119-61-9 (SOCMI)
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"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
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"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
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:	<p>Coloured Gel:</p> <ul style="list-style-type: none"> • HAZARD SYMBOLS: Xi: Irritant • RISK PHRASES: R36/37/38 Irritating to eyes, respiratory system and skin; R43 May cause sensitization by skin contact; R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment, R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment. • SAFETY PHRASES: S3 Keep in cool place; S7 Keep container tightly closer; S9 Keep container in a well-ventilated place; S16 Keep away from sources of initiation - No smoking! S20 When using do not eat or drink; S37/39 Wear suitable protective clothing and gloves.

15.2 Chemical safety assessment

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SECTION 16: OTHER INFORMATION

Full range of R-Phrases from Section 2 and 3.

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P-Phrases

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- P233 Keep container tightly closed.
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- 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

Emergency overview:

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause chemical burn in eye.

Environmental hazards:

Product is not classified as dangerous for the environment.

Disclaimer/Statement of Liability:

All information appearing herein is based upon data obtained from the manufacturers and/or recognised technical sources. While the information is believed to be accurate, Pure Nails, makes no representation as to its accuracy or sufficiency. Judgement as to the suitability of information herein for purchasers purposes are necessarily purchasers responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Pure Nails, extends no warranties, makes no representations or assumes no responsibility as to accuracy or suitability of such information for application to purchasers intended purpose or for consequences of its use.