

## SAFETY DATA SHEET

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

**1.1 Product identifier****Product Name:** LIQUID GLASS TOP COAT**Product Code:** N2296**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Shinning preparation for nails**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):**

Flam Liq. 2	H225	Highly flammable liquid and vapour
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness

**GHS/CLP Classification:****Signal word: Danger****Hazard statements:**

Flam Liq. 2	H225	Highly flammable liquid and vapour
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness
	EUH066	Repeated exposure May cause skin dryness or cracking

**Precautionary statements:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P243	Take precautionary measures against static discharge.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

**2.2 Label Elements**

NDA

**2.3 Other Hazards**

NDA

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Nitrocellulose with nitrogen content <12,2% and at a concentration <20% in a blend of solvents

Chemical Identity and concentration range	CAS No.	EINECS No.	GHS/CLP
Ethyl Acetate 25.0-50.0%	141-78-6	205-500-4	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336; EUH066
Butyl Acetate 10.0-25.0%	123-86-4	204-658-1	Flam. Liq. 3 H226; STOT SE 3 H336; EUH066
Nitrocellulose 10.0-25.0%	9004-70-0	N/E	Flam. Sol. 1 H228
Alcohol Denat. 5.0-10.0%	64-17-5	200-578-6	Flam. Liq. 2 H225

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

**3.2 Mixtures**

NDA

## SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures****First aid for skin:**

Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.

**First aid for eye:**

Immediately wash the eyes with plenty of water for at least 10 min holding the eye open. Obtain medical attention urgently.

**First aid for ingestion:**

Get medical attention IMMEDIATELY.

**First aid for inhalation:**

Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

**4.2 Most important symptoms and effects both acute and delayed****Effects of overexposure:**

Cause eye irritation. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May affect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled.

**Other effects of overexposure may include:**

Narcosis, conjunctivitis, loss of coordination, vomiting, lacrimation, redness and swelling of eyes, difficulty with speech, reduced visibility, abdominal pain, swelling and redness of skin, fatigue, cough, dermatitis, drowsiness, unconsciousness

**Primary Route(S) of entry:**

Inhalation, skin contact, eyes.

**Medical conditions that can be aggravated:**

No information available.

**Chronic health hazards:****Repeated Overexposure to this product may cause:**

Lung damage, liver abnormalities, kidney damage, central nervous system damage, blood effects.

**Notice:**

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

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

No further relevant information available

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media**

Foam, carbon dioxide or dry chemical

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

Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coatings hazardous ingredients and hazardous decomposition products

**5.3 Advice for firefighters**

During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

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

Avoid contact with the skin and the eyes. Keep away from heat and sources of ignition. Provide adequate ventilation. Consult trained personnel.

**6.2 Environmental precautions**

Prevent further leakage or spillage. Do not discharge into the drains/ surface waters/ groundwater

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.

**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**

When using, do not eat, drink or smoke. Take off contaminated clothing immediately. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and/ or exhaust in work rooms

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

Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area. All precautions must be observed. Empty container may retain product residues (vapour or liquid)

**7.3 Specific end use(s)**

No data.

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

Chemical Identity/ CAS	NDS [mg/m <sup>3</sup> ]	NDSch [mg/m <sup>3</sup> ]	NDSP	DSB
Etyl Acetate 141-78-6	200	950	-	-
Butyl Acetate 123-86-4	200	950	-	-
Alcohol Denat. 64-17-5	1900		-	-

**8.2 Exposure controls**

Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to washing when safety equipment is removed, at the end of each shift when going on breaks and especially if contamination occurs

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

Wear an appropriate, properly fitted respirator (NIOSH/ MSHA approved) during application and handling unless air monitoring demonstrates vapour/ mist levels below applicable limits. Follow respirator manufacturers recommendations for selection and use.

***Hand protection***

Chemical resistant protective gloves (such as Neoprene or Butyle Rubber) should be worn when handling this product. Check with glove manufacturer to determine proper glove type)

**Eye protection**

Splash-proof chemical goggles should be worn.

**Ventilation**

Sufficient ventilation must be provided to maintain airborne concentrations below Limits as listed in Section 8.

**Other protective equipment**

Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

**8.2.2 Environmental exposure controls**

Any reject of product in the sewer stream must be avoided

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on physical and chemical properties**

<b>Appearance</b>	Viscous liquid	
<b>Colour</b>	Colourless	
<b>Odor &amp; Odor Threshold</b>	Fruity (Esters)	
<b>Olfactive Threshold</b>	50 ppm (Ethyl Acetate)	
<b>Melting Point</b>	-84°C (Ethyl Acetate)	
<b>Boiling Point</b>	77°C at 1013 hPa (Ethyl Acetate)	
<b>Boiling Range</b>	77 to 130°C	
<b>Specific Gravity</b>	0.960-0.980	
<b>Vapor Pressure (hPa)</b>	100 (20°C) (Ethyl Acetate)	
<b>Vapor Density (Relative: Air=1)</b>	3.04 (Ethyl Acetate)	
<b>Flash Point</b>	-5°C	
<b>Auto-ignition Temperature</b>	460°C	
<b>Flammable Limit(%v/v)</b>	<u>Upper</u>	<u>Lower</u>
Ethyl Acetate	11.0	2.2
Buthyl Acetate	7.6	1.7
<b>pH</b>	Not applicable	
<b>Solubility In Water (20°C)</b>	Insoluble	
<b>Water/ Octanol Distribution Coeff</b>	Log Kow=0.60 (Ethyl Acetate)	
<b>Evaporation Rate</b>	Slower than ether	
<b>Viscosity (Brookfield)</b>	150 to 350mPas	

**9.2 Other information**

NDA

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity**

Material is stable under non-emergency conditions.

**10.2 Chemical stability**

Material will not undergo hazardous polymerization.

**10.3 Possibility of hazardous reactions**

Not known

**10.4 Conditions to avoid**

Heat, sparks, open flame.

**10.5 Incompatible materials**

Sodium hydroxide, nitric acid, oxidizers, acids, alkali, metal, amines.

**10.6 Hazardous decomposition products**

Methane, oxides of nitrogen. Carboxylic acids, various hydrocarbons, oxides of carbon, aldehydes, hydrogen cyanide, acids.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

Ingredient	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC (Dermal, Rabbit)
Butyl acetate	14000 mg/kg	2000 ppm	-

Ethyl acetate	11300 mg/kg	1600 ppm (8h)	-
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The product has not been tested. The statements on toxicology have been derived from the literature.

**Skin contact:** Prolonged contact can cause crack in skin.

**Eye contact:** Can cause irritation of the conjunctive. Can cause injury of the cornea.

**Ingestion:** Important ingestion can cause nausea and a great narcosis with weakness, drowsiness and loss of consciousness.

**Inhalation:** Can cause irritation of the nose and the throat. At high concentration can cause narcosis.

**Sensitization:** N/DA

**Mutagenicity:** In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IRAC or OSHA as carcinogenic

**Sub-chronic Toxicity:** N/DA

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Any reject of product in the sewer stream must be avoided

Water hazard class WGK1: Slightly hazardous for water.

### 12.2 Persistence and degradability

NDA

### 12.3 Bioaccumulative potential

NDA

### 12.4 Mobility in soil

NDA

### 12.5 Results of PBT and vPvB assessment

NDA

### 12.6 Other adverse effects

NDA

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Incinerate in a furnace where permitted under national and local regulations

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN Number

UN 1266

### 14.2 UN Proper Shipping Name

PERFUMERY PRODUCTS (Source of danger: Ethyl acetate, Butyl acetate, Nitrocellulose, Isopropyl alcohol, MEK)

### 14.3 Transport hazard class(es)

3

### 14.4 Packing group

II

### 14.5 Environmental Hazards

Slightly hazardous for water.

### 14.6 Special precautions for user

Limited Quantity: 5l/30kg (gross) Certified packaging: Internal packaging: metal, glass, plastic; External packaging: Carton 4G

### 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

Regulation **1907/2006** of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending

Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No **1272/2008** of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Council Directive No **67/548/EEC** of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2 Chemical safety assessment

NDA

## SECTION 16: OTHER INFORMATION

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

Flam. Liq. 2	H225	Highly flammable liquid and vapour
Flam. Liq. 3	H226	Flammable liquid and vapour
Flam. Sol. 1	H228	Flammable solid.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness
	EUH066	Repeated exposure may cause skin dryness or cracking.

### P-Phrases

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P243	Take precautionary measures against static discharge.
P305+P351+P313	IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/ attention

### Disclaimer/Statement of Liability:

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