

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: PURITY BONDER

Product Code: N2282

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: The preparation for nails

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 WE/1272/2008 (CLP):

Flam Liq. 1	H224	Extremely 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. 1	H224	Extremely flammable liquid and vapour.
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness

Precautionary statements:

P280	Wear protective gloves / protective clothing / eye protection / face protection.
P303+361+353	If ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor if you feel unwell.
P370+378	In case of fire: Use water spray, dry chemical or carbon dioxide for extinction

2.2 Label Elements

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2.3 Other Hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Identity and concentration range	CAS No.	WE No	GHS/CLP Classification
Ethyl Acetate 85.0-95.0%	141-78-6	205-500-4	Flamm. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336; EUH066
Acrylic Ester 5.0-10.0%	N/E	N/E	Eye Irrit. 2 H319
Acetone 3.0-5.0%	67-64-1	200-662-2	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336; EUH066

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 all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

First aid for eye:

Bathe the eye with running water for 15 minutes. Consult a doctor.

First aid in case of ingestion:

Wash out mouth with water. Consult a doctor.

First aid in case of inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects both acute and delayed

Skin contact:

There may be irritation and redness at the site of contact.

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4.3 Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Alcohol resistant foam, water spray, carbon dioxide, dry chemical powder. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to Section 8 of MSDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

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 direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3 Specific end use(s)

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical Identity/ CAS	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP	DSB
Ethyl Acetate 141-78-6	734	1.468	-	-
Acetone 67-64-1	600	1.800	-	-

8.2 Exposure controls

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

8.2.1 Occupational exposure controls

Respiratory tract protection

Self-contained breathing apparatus must be available in case of emergency.

Hand protection

Protective gloves.

Eye protection

Safety glasses. Ensure eye bath is to hand.

Skin protection

Protective clothing.

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	colourless liquid
Odour & Odour Threshold	characteristic odour
pH	no data
Specific Gravity (H₂O=1)	no data
Viscosity	non-viscous
Decomposition/Temperature	no data
Octanol/Water Partitioning Coefficient Log Po/w	no data
Vapour Pressure:	no data
Vapour Density (Air=1)	no data
Evaporation Rate	fast
Ignition	no data
Solubility In Water (20°C)	no data
Flash Point	-4°C
Boiling Point	no data
Freezing Point	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 is stable under recommended transport or storage conditions.

10.2 Chemical stability

The product is stable under normal conditions. Stable at room temperature.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat, hot surfaces, sources of ignition, flames.

10.5 Incompatible materials

Strong oxidizing agents. strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed/immediate effects Immediate effects can be expected after short-term exposure

Sensitization N/DA

Mutagenicity N/Da

Sub-chronic Toxicity N/Da

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ethyl Acetate:

PURITY BONDER

<u>Fish:</u>	<i>Pimephales promelas</i>	LC ₅₀ 230 mg/l (96h)
	<i>Salmo gairdneri</i>	LC ₅₀ 454,7 mg/l (96h)
	<i>Oryzias latipes</i>	LC ₅₀ 125-900 mg/l (48h)
<u>Invertebrates:</u>	<i>Daphnia magna</i>	EC ₅₀ 717mg/l (48h)
<u>Algae:</u>	<i>Scenedesmus subspicatus</i>	EC ₅₀ 3300 mg/l (48h)
<u>Bacteria:</u>	<i>Photobacterium phosphoreum</i>	EC ₅₀ 5870 mg/l (15 min)

Acetone:

<u>Fish:</u>	<i>Oncorhynchus mykiss</i>	LC ₅₀ 5540 mg/l (96h)
<u>Invertebrates:</u>	<i>Daphnia magna</i>	EC ₅₀ 8800 mg/l (48h)

12.2 Persistence and degradability

Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT substance.

12.6 Other adverse effects

Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialized disposal company.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

UN 1993

14.2 UN Proper Shipping Name

Flammable Liquid, n.o.s. (Ethyl Acetate, Acetone, DHPA Mixture)

14.3 Transport hazard class(es)

3

14.4 Packing group

II

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 does not contains any hazardous air pollutants (HAP and ODS's), as defined by the U.S. Clean Air Act.
Clean Water Act: Priority Pollutant	The following ingredients are listed as hazardous substances or priority pollutants under the CWA: None of the chemicals listed in this product are listed as a Toxic Pollutant under the CWA.
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 • Fire hazard
RCRA	This product contains no chemicals 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 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 • Fire 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..
EINECS: European Inventory:	<u>Hazard statements:</u> H224 <i>Extremely flammable liquid and vapour</i> ; H319 <i>Causes serious eye irritation</i> ; H336 <i>May cause drowsiness or dizziness.</i> <u>Precautionary statements:</u> P280 <i>Wear protective gloves/protective clothing/eye protection/face protection</i> ; P303+361+353 : <i>If ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water</i> ; P304+340 <i>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing</i> ; P305+351+338 <i>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</i> ; P312 <i>Call a POISON CENTER or doctor if you feel unwell</i> ; P370+378 <i>In case of fire: Use water spray, dry chemical powder or carbon dioxide for extinction.</i>

15.2 Chemical safety assessment

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SECTION 16: OTHER INFORMATION

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

Flam. Liq. 1	H224	Extremely flammable liquid and vapour
Flam. Liq. 2	H225	Highly flammable liquid and vapour
Flam. Liq. 3	H226	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.

P-Phrases

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353:	If ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor if you feel unwell.
P370+378	In case of fire: Use water spray, dry chemical powder or carbon dioxide for extinction.

Disclaimer/Statement of Liability:

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