

SAFETY DATA SHEET

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

1.1 Product identifier**Product Name:** HALO ACRYLIC LIQUID PRO**Product Code:** N3301-02-03.**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:****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.uk**E-mail:** marketing@purenails.co.uk**1.4 Emergency telephone number**

01634 671122

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317**Most important adverse effects:** Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation.**2.2 Label Elements****Label elements:****Hazard statements:** H225: Highly flammable liquid and vapor.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.**Hazard pictograms:** GHS02: Flame
GHS07: Exclamation mark**Signal words:** Danger**Precautionary statements:**

P280: Wear protective gloves/protective clothing/eye protection/face protection

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240: Ground and bond container and receiving equipment.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: 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/doctor if you feel unwell.



P405: Store locked up.

P501: Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains:

ethyl methacrylate

tetraethylene glycol dimethacrylate

Hydroxypropyl Methacrylate: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards:

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards: No other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification or which have been assigned Occupational Exposure Limits:

ETHYL METHACRYLATE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
202-597-5	97-63-2	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	<90%

HYDROXYPROPYL METHACRYLATE

248-666-3	27813-02-1	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	<10%
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TETRAETHYLENE GLYCOL DIMETHACRYLATE

203-653-1	109-17-1	-	3.4.2/1B Skin Sens. 1B H317	<7%
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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers

5.2 Special hazards arising from the substance or mixture

Exposure hazards: 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

Advice for fire-fighters: 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**

Personal precautions: Refer to section 8 of SDS 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 unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Clean-up procedures: 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

Refer to section 8 of SDS.

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

Handling requirements: 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

Storage conditions: Store in a cool, well ventilated area. Keep away from direct sunlight. 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)

No data available.

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

No data available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls**Eye protection:**

Use close fitting safety goggles.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Violet	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	21°C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	6	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.94	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions. Stable at room temperature.

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product:

Premium Cosmetic Monomer Violet

A) Acute toxicity

Not classified

Based on available data, the classification criteria are not met

B) Skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

C) Serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

D) Respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

E) Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

F) Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

G) Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

H) STOT-single exposure

The product is classified: STOT SE 3 H335

I) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met.

J) aspiration hazard

Not classified

Based on available data, the classification criteria are not met.

Toxicological information of the main substances found in the product:

Hydroxypropyl Methacrylate - CAS: 27813-02-1

A) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit \geq 5000 mg/kg**tetraethylene glycol dimethacrylate - CAS: 109-17-1****A) acute toxicity:**

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 3000 mg/kg

11.2 Information on other hazards**Endocrine disrupting properties:**No endocrine disruptor substances present in concentration \geq 0.1%

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity**Adopt good working practices to avoid releasing the product into the environment.****Premium Cosmetic Monomer Violet**

Not classified for environmental hazards

Based on available data, the classification criteria are not met

Hydroxypropyl Methacrylate - CAS: 27813-02-1**a) Aquatic acute toxicity:**

Endpoint: LC50 - Species: Fish = 493 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia > 143 mg/l - Duration h: 48

Tetraethylene glycol dimethacrylate - CAS: 109-17-1**a) Aquatic acute toxicity:**

Endpoint: EC50 - Species: Daphnia 391 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae 68 mg/l - Duration h: 72

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

Harmful to aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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

NB: 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

UN1993

14.2 UN Proper Shipping Name

Shipping name: FLAMMABLE LIQUID, N.O.S.

(ETHYL METHACRYLATE MONOMER, 1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL

METHYL ETHER)

14.3 Transport hazard class(es)

3

14.4 Packing group

II

14.5 Environmental Hazards**Environmentally hazardous:** No**Marine pollutant:** No**14.6 Special precautions for user**

No special precautions.

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**

NDA

15.2 Chemical safety assessment

NDA

SECTION 16: OTHER INFORMATION**Other information:** Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**Full text of phrases referred to in Section 2 & 3:****H225** Highly flammable liquid and vapour.**H319** Causes serious eye irritation.**H335** May cause respiratory irritation.**H315** Causes skin irritation.**H317** May cause an allergic skin reaction.**H373** May cause damage to organs through prolonged or repeated exposure.**H412** Harmful to aquatic life with long lasting effects.**H301** Toxic if swallowed.**H311** Toxic in contact with skin.**H331** Toxic if inhaled.**H226** Flammable liquid and vapour.**H336** May cause drowsiness or dizziness.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B

STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

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