

SAFETY DATA SHEET

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

1.1 Product identifier**Product Name:** HALO POLIBUILD**Product Code:** N845-46-47-48-49-50**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** UV curing 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**Physical State:** Liquid**Health:** 1***Colour:** Transparent**Flammability:** 2**Odour:** Light**Physical Hazard:** 1**WARNING:** Harmful if swallowed, absorbed through skin or inhaled. Do not spray. Do not heat. May cause allergic skin reaction. Causes eye, skin and respiratory tract irritation.**Relevant routes of exposure:** Skin, inhalation, eyes**2.2 Label Elements**

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2.3 Other Hazards**Potential Health Effects****Skin contact:** Contact skin will cause irritation**Eye contact:** Contact with eyes will cause irritation

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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3.2 Mixtures

Chemical Components	CAS NO	INCI NO	Concentration WT%
Acrylates Copolymer	25035-69-2	Acrylates Copolymer	10-30
Ethyl Methacrylate	97-63-2	Ethyl Methacrylate	10-20
Polymethyl Methacrylate	9011-14-7	Polymethyl Methacrylate	10-20
Polyethylene Terephthalate	25038-59-9	Polyethylene Terephthalate	10-20
Trimethylolpropane Triacrylate	15625-89-5	Trimethylolpropane Triacrylate	10-20
Dimethicone	9016-00-6	Dimethicone	5-10
Microcrystalline Wax	63231-60-7	Microcrystalline Wax	1-5

May contain			
PIGMENT RED 4	2814-77-9	PIGMENT RED 4	0-3
PIG.RED 64	6371-76-2	PIG.RED 64	0-3
PIGMENT VIOLET 13	81-48-1	PIGMENT VIOLET 13	0-3
PIGMENT RED 63:1	6417-83-0	PIGMENT RED 63:1	0-3
PIGMENT RED 57	5858-81-1	PIGMENT RED 57	0-3
PIGMENT BLUE 27	12240-15-2	PIGMENT BLUE 27	0-3
PIGMENT YELLOW 3	6486-23-3	PIGMENT YELLOW 3	0-3
PIGMENT RED 33	3567-66-6	PIGMENT RED 33	0-3
CI 77891	13463-67-7	CI 77891	0-3
CARBON BLACK	133-86-4	CARBON BLACK	0-3
SOLV.GREEN 3	128-80-3	SOLV.GREEN 3	0-3

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:

Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact:

Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion:

Do not induce vomiting. Keep individual calm. Get medical attention immediately.

4.2 Most important symptoms and effects both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

NDA

5.2 Special hazards arising from the substance or mixture

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5.3 Advice for firefighters

Flash point: 105 degrees C

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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6.2 Environmental precautions

Environmental precautions: Remove sources of ignition. Prevent product from entering drains or open waters.

6.3 Methods and material for containment and cleaning up

Clean-up methods: Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

6.4 Reference to other sections

NDA

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling:

Prevent contact with eyes, skin, and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do NOT heat or spray. Use only with adequate ventilation. Use only in an area provided with appropriate exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

For safe storage store at or below 26 degrees C. Keep in a cool, well ventilated area away from heat, sparks, and open flame. Keep container tightly closed until ready for use.

7.3 Specific end use(s)

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

Eye/Face protection: Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full-face shield.

8.2 Exposure controls

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on physical and chemical properties

Physical State:	Liquid
Colour:	Transparent
Odour:	Light
Vapor Pressure:	Not available
pH:	Not applicable
Boiling point/range:	> 93 degrees C
Melting point/range:	Not available
Specific gravity:	1.10
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Slight
VOC content:	Total volatiles 0.80%
Partition coefficient (n-octanol/water):	Not available

9.2 Other information

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

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10.2 Chemical stability

Stability: Stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

Hazardous polymerization: May occur.

10.4 Conditions to avoid

Conditions to avoid: Heat, flames, sparks, and other sources of ignition. Do not heat above 26 degrees C.

10.5 Incompatible materials

Incompatibility: Strong acids. Strong oxidizing agents. Bases.

10.6 Hazardous decomposition products

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Dimethylamine. Irritating organic vapors

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Carcinogen Status

Hazardous Components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
Ethoxylated (5) pentaerythritol Tetraacrylate	NO	NO	NO
2-Hydroxypropyl Methacrylate	NO	NO	NO
Trimethylolpropane Triacrylate	NO	NO	NO
2-Hydroxyethyl Methacrylate	NO	NO	NO
1-Hydroxycyclohexyl Phenyl Ketone	NO	NO	NO
N,N-Dimethylacrylamide	NO	NO	NO
2,4,6-Trimethylbenzoyldiphenyl Phosphine Oxide	NO	NO	NO
Phenylbis (2,4,6-Trimethylbenzoyl) Phosphine Oxide	NO	NO	NO
Ethylene Distearamide	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous Components	Health Effects/Target Organs
Ethoxylated (5) pentaerythritol Tetraacrylate	No Records
2-Hydroxypropyl Methacrylate	No Records
Trimethylolpropane Triacrylate	No Records
2-Hydroxyethyl Methacrylate	No Records
1-Hydroxycyclohexyl Phenyl Ketone	No Records
N,N-Dimethylacrylamide	No Records
2,4,6-Trimethylbenzoyldiphenyl Phosphine Oxide	No Records
Phenylbis (2,4,6-Trimethylbenzoyl) Phosphine Oxide	No Records
Ethylene Distearamide	No Records

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

NDA

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

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12.6 Other adverse effects

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Information provided is for unused product only

Recommended method of disposal: Disposal of according to P.R.C, province, and local governmental regulations.

ECE hazardous waste number: Not a RCRA hazardous waste

SECTION 14: TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified).

Shipping classification may be different for bulk packaging.

Proper shipping name: Unrestricted

Hazard class or division: none

Identification number: none

Packing group: none

Marine pollutant: none

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

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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15.2 Chemical safety assessment

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SECTION 16: OTHER INFORMATION

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.