SAFETY DATA SHEET

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

1.1 Product identifier
Product Name: HALO ELITE PRIMER
Product Code: N3199
1.2 Relevant identified uses of the substance or mixture and uses advised against
Use of substance / mixture: Primer
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 Hazard Identification

This product is classified as a HAZARDOUS SUBSTANCE and as a DANGEROUS GOOD according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia). WARNING! MAY CAUSE PERMANENT SKIN DAMAGE. AVOID SKIN CONTACT DUE TO IRRITATION AND CHEMICAL BURN POTENTIAL. MAY CAUSE EYE IRRITATION OR DAMAGE. Hazard Statements (H): H227 -Combustible liquid and vapor, H302 - Harmful if swallowed, H-312 - Harmful in contact with skin , H332 - Harmful if inhaled , H314 - Causes severe skin burns and eye damage. Precautionary Statements (P): P210 - Keep away from heat/sparks/open flame/hot surfaces - No Smoking. P223 - Keep container tightly closed. P261 - Avoid breathing fumes/gas/vapors/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves. P302 + P352 - IF ON SKIN - wash with soap and warm water. P305 + P351 + P338 - IF IN EYES – Rinse continually with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing. P333 + P313 - If skin reaction or a rash occurs, get medical attention. P337 + P313 - if eye irritation persists, P321 - for specific.
first aid treatment (see section 4 of this Safety Data Sheet). P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container to a licensed treatment, storage, or disposal facility (TSDF).

2.2 Routes of entry
Inhalation: YES
Absorption: YES
Ingestion: YES
2.3 Effects of Exposure
Ingestion: Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation, abdominal pain, and vomiting of blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat, and digestive system.
Eyes & Skin: Can cause permanent eye injury. Symptoms include stinging, tearing, redness and swelling of the eyes. Can injure the cornea and cause blindness. Can cause permanent skin damage. Symptoms may include redness, burning and swelling of the skin, burns and other skin damage.
Inhalation: Vapors of this material may be irritating to the nasal passage and lungs and in severe cases cause burning of the tissue.

2.4 Symptoms of overexposure
Symptoms of overexposure are irritation of the tissue, nausea, dizziness, and shortness of breath, swelling of the eyes and skin.
2.5 Acute Health Effects
Moderate irritation to eyes near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches, and nausea. LD50: 1060 mg/kg Species: Rat
2.6 Chronic Health Effects
None
2.7 Target Organs
Eyes, skin, lungs and respiratory tract

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m3)								
					ACGIH		NOHSC			OSHA			OTHER
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
Glacial Methacrylic Acid	79-41-4		201-204-4	<99.5	20	NA	20	NA	NF	NA	NA	NA	
Tocopheryl Acetate (Vitamin E)	58-95-7	GP820000	200-405-4	≤0.1	NA	NA	NF	NF	NF	NA	NA	NA	

SECTION 4: FIRST AID MEASURES

4.1 First Aid
Ingestion: If ingested, do not induce vomiting! If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.
Skin & Eyes: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. Seek immediate medical attention. If problem persists, seek immediate medical attention. If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water followed by a thorough washing of the affected area with plenty of soak and waster. Remove all contaminated clothing including footwear and wash thoroughly before reuse. If irritation, redness or swelling persists, consult a physician immediately.
Inhalation: Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.
4.2 Medical Conditions Aggravated by Exposure
Pre-existing dermatitis, other skin conditions and disorders of the target organs (eyes, skin)

TARGET ORGANS:	
EYES SKIN LUNGS	

SECTION 5: FIREFIGHTING MEASURES

5.1 Flashpoint & Method
77.22 ˚C (171 ˚F) Closed Cup
5.2 Autoignition Temperature
68 ˚C (154 ˚F)
5.3 Flammability Limits
Lower Explosive Limit (LEL): NA
Upper Explosive Limit (UEL): NA
5.4 Fire & Explosion Hazards
When involved in a fire, this product may ignite and decompose to form toxic gases (e.g., CO, CO2 and Nox)
5.5 Extinguishing Methods
Water, Foam, CO2, Dry Chemical
5.6 Fire Fighting Procedures
First responders should wear eye protection. Structural fire fighters must wear full protective equipment and

MSHA/NIOSH approved, self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Spills

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., 1 gallon [3.785 liters]) wear appropriate personal protective equipment (e.g., goggles & gloves). Maximize ventilation (open doors and windows). Expose spilled material to UV light source for 2-5 minutes. Lift cured material from substrate and repeat until very little residue remains. Remove remaining spilled material with absorbent material and place into appropriate closed container(s). Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas and outside of container with warm, soapy water. Remove any contaminated clothing and wash before reuse. For large spills (e.g., > 1 gallon [3.785 liters]) deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Expose spilled material to UV light source for 2-5 minutes. Lift cured material from substrate and repeat until very little residue remains. Remove remaining spilled material with absorbent material and place into appropriate closed container(s). Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas and outside of container with warm, soapy water. Remove any contaminated clothing and wash before reuse.

SECTION 7: HANDLING AND STORAGE

7.1 Work & Hygiene Practices

Avoid prolonged contact with this material. Avoid breathing the vapors generated by this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap and water after using this product. If necessary, use a moisturizer after washing. Do not eat, drink, or smoke while handling this product.

7.2 Storage & Handling

Use and store in a cool, dry, well ventilated location. Keep away from excessive heat. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devises. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. As a precaution against exposure to the eyes, nose, throat and face, this product should not be stored higher than waist level. KEEP AWAY FROM CHILDREN AT ALL TIMES!

7.3 Special Precautions

Do not store where temperatures can exceed 50 ℃ (122 ℉).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls

Use with adequate ventilation (e.g., local exhaust ventilation, fans). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye wash station).

8.2 Respiratory Protection

No special respiratory protections is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR § 1910.134, application U.S. State regulations or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC Member States or Australia.

8.3 Eye Protection

Wear protective eyewear (e.g., safety glasses with side shields) always when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.

8.4 Hand Protection

None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., >1 gallon [3.785 liters]), wear nitrile or impervious gloves.

8.5 Body Protection

No apron required when handling small quantities. When handling large quantities (e.g., . 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Density
1.015
9.2 Boiling Point
163 ˚C (325 ˚F)
9.3 Melting Point
16 ˚C (61 ˚F)
9.4 Evaporation Rate
<1 n-Butyl Acetate
9.5 Vapor Pressure
0.131 kPa @ 25˚C
9.6 Appearance & Colour
Clear liquid
9.7 Odor Threshold
NE
9.8 Solubility
Soluble
9.9 pH
NA
9.10 Viscosity
Approximately 25 cps
9.11 Flash Point
77 ˚C (171 ˚F) calculated
9.12 Other Information
NA

SECTION 10: STABILITY AND REACTIVITY

10.1 Stability
Relatively stable under ambient conditions when stored properly.
10.2 Hazardous Decomposition Products
If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon and nitrogen).
10.3 Hazardous Polymerization
Will not occur.
10.4 Conditions to avoid.
Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, and flame.
10.5 Incompatible Substances
Strong oxidizers, peroxides, strong acids, or alkalis.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Toxicity Data
Performed by the manufacturer of the methacrylic acid
Acute Oral Toxicity: LD50: 1060 mg/kg Species: Rat

Acute Inhalation Toxicity: LD50: 7.1 mg/l Species: Rat
Acute Dermal Toxicity: LD50: 500 mg/kg Species: Rabbit

11.2 Acute Toxicity
See section 2.5

11.3 Chronic Toxicity
See section 2.6

11.4 Suspected Carcinogen
The ingredients of this product are not listed as carcinogens by the National Toxicology Program and have not been evaluated by the Internail Agency for Research on Cancer or the American Conference of Government Industrial Hygenists.

11.5 Reproductive Toxicity
This product is not reported to cause reproductive toxicity in humans.

11.6 Mutagenicity
This product is not reported to produce mutagenic effects in humans.

11.7 Embryotoxicity
This product is not reported to produce mutagenic effects in humans.

11.8 Teratogenicity
This products is not reported to cause teratogenic effects in humans.

11.9 Irritancy of Product
See Section 2.3

11.10 Biological Exposure Indicies
NE

11.11 Physician Recommendations
Treat symptomatically.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Environmental Stability
This product will slowly evaporate from soil. Components of this product will slowly decompose into organic compounds. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization and biodegredation.

12.2 Effects on Plants & Animals
There is no specific data availble for this product on plant life.

12.3 Effects on Aquatic Life
There is no specific data available for this product on aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal
Dispose inaccordance with local, state and Federal waste laws.

13.2 Special Considerations
This material becomes an inert plastic upon prolonged exposure to sources of UV light and sunlight. Disposal of inert plastics is safer for the environment and is more easily handled for disposal according to local, state and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, SCT, ADR and the CTDGR.

14.1 49 CFR (GRD)
CONSUMER COMMODITY, ORM-D (IP VOL ⩽ 0.5 L) - UNTIL 12/31/2020
UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 1.0 L)

14.2 IATA (AIR)
Passenger Aircraft: UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 0.5 L)

Cargo Aircraft: UN1760, Corrosive Liquids (Methacrylic Liquid), 8, III, (IP VOL ⩽ 30.0 L)

14.3 IMDG (OCN)

UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, (IP VOL ⩽ 10.0 L)

14.4 TDGR (Canadian GND)

MARK PACKAGE "LIMITED QUANTITY" OR "QUANTITE LIMUTEE" OR "LTD QTY" OR "QUANT LTEE" (IP VOL ⩽ 0.5 L)

UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 0.5 L)

14.5 ADR/RID (EU)

UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 0.5 L)

14.6 MEXICO (SCT)

UN1760, Corrosivo Liquidos (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 0.5 L)

14.7 ADGR (AUS)

UN1760, Corrosive Liquids (Methacrylic Liquid), 8, II, LTD QTY (IP VOL ⩽ 0.5 L)

SECTION 15: REGULATORY INFORMATION

15.1 SARA Reporting

NA

15.2 SARA Threshold Planning Quantity

NA

15.3 TSCA Inventory Status

All components of this product are listed in the TSCA Inventory or are exempt

15.4 CERCLA Reportable Quantity (RQ)

NA

15.5 Other Federal Requirements

This products complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

15.6 Other Canadian Regulations

This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are on the Priorities Substances List.

15.7 State Regulatory Information

No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances list, (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know list (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI)

15.8 67/548/EEC (European Union), Australian NOHSC:2011 (2003), and GHS Requirements:

The primary cononent of this product is listed in Annex 1 of EU Directive 67/548/EEC.

Methacrylic Acid: Harmful (Xi).

Risk Phrases (R): See section 2.1

SECTION 16: OTHER INFORMATION

16.1 Other Information

WARNING! MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION. Avoid breathing fume, gas, mist, vapors, spray. Wear potective gloves and eye/face protection. IF ON SKIN - Wash with soap and water. IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs - get medical advice/attention. Do not take internally. Keep away from heat and open flame. KEEP OUT OF THE REACH OF CHILDREN.

16.2 Terms & Definitions

Please see last page of this SDS

16.3 Disclaimer

This Safety Data Sheet (SDS) is offered persuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other governement regulations must be reviewed for applicability to this product. To the best of McConnell Labs' knowledge, the information contained herein is reliable and accurate as of the date it was prepared; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

DEFINITION OF TERMS

CAS No.	Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDLH	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

A	Safety Glasses
B	Splash Goggles
C	Face Shield & Protective Eyewear
D	Gloves
E	Boots
F	Synthetic Apron
G	Protective Clothing & Full Suit
H	Dust Respirator
I	Full Face Respirator
J	Dust & Vapor Half-Mask Respirator
K	Full Face Respirator
X	Airline Hood/Mask or SCBA

Consult your supervisor or SOPs for special handling directions.

OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive

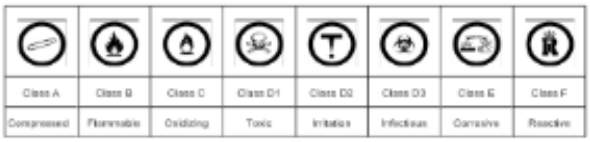
TOXICOLOGICAL INFORMATION:

LD_{50}	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC_{50}	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD_{Lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD_{Lo}, LD_{Lo} & LD_{0} or TC, TC_{Lo}, LC_{Lo} & LC_{0}	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_{m}	Median threshold limit
log K_{OW} or log K_{OC}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:



EC (67/548/EEC) INFORMATION:

CLP/GHS (1272/2008/EC) PICTOGRAMS: