



**Safety Data Sheet according to
Regulation (EC) No. 1907/2006
(REACH)**

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

Product name: Bond It! Universal primer
Use of substance / mixture: Primer / Adhesion Improvement

Details of the supplier of the safety data sheet:

Company name: Hazel Dixon Nails Ltd
Unit 4, Faraday Place,
Thetford,
Norfolk,
IP24 3RG

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'Only for the purpose of informing medical personnel in cases of acute intoxications'.

SECTION 2. HAZARDS IDENTIFICATION.

2.1. Emergency overview

This information is based on findings from related or similar materials.

- May cause eye irritation.
- **Flammable liquid and vapor!**
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists
- Unstable (reactive) upon depletion of inhibitor. This is only a slight risk.
- May be absorbed through the skin.



2.2. Potential Health Effects, Signs and Symptoms of Exposure

Primary Route of Entry	Inhalation, skin contact, eye contact
Eye	Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.
Skin	Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.
Ingestion	Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.
Inhalation	Vapor and mist are irritating to mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Sub-Chronic Effects	May cause headaches, nausea, vomiting and narcotic effect if over-exposed.
Chronic Health Effects (Long-term)	No appropriate human or animal health effects data are known to exist.

NOTE: Refer to Section 11, Toxicological Information for Details

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Hazardous Ingredients

Chemical identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethyl Acetate	141 - 78 - 6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	Not Listed	80-85
2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy) BISGMA	1565-94-2	216-367-7	Isopropylidene-diphenyl Bisoxhydroxypropyl Methacrylate	N/E	N/E	Not Listed	5-10
2-Hydroxy Ethyl Methacrylate	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	5-10
N/E – None Established		N/DA – No data Available					
N/R – Not Reviewed		N/A – Not Applicable					
Ethyl Acetate: Hazard Symbol – F, Xi				Risk Phrases – R11, R36, R66, R67		Safety Phrases – S2, S16, S26, S33	
2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy)BIS-GMA: Hazard Symbols – N/E				Risk Phrases – N/E		Safety Phrases – N/E	
2-Hydroxy ethyl methacrylate: Hazard Symbols – Xi				Risk Phrases – R36/38, R43		Safety Phrases – S2, S26, S28	

NOTE: See Section 16 for Risk and Safety Phrase Key

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently for 15 min. with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.
Ingestion	If individual is drowsy or unconscious, do not give anything by mouth; place individual on the leftside with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol%)
TAG Closed: 26 °F/ -3.3 °C	400 ppm	750 °F - 900 °F

Method:

Extinguishing Media	Foam, dry chemical, cold water spray.
Fire Fighting Instructions	Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.
Unusual Hazards	Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide. Vapors may cause a flash fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures	Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an
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	expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.
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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements	Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash skin thoroughly after handling.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a well ventilated area. Store @ 70 + 15 ° F, allow some air space above liquid level. Keep containers closed while not in use.
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7.3. Specific end use(s)

Explosion Hazard	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Engineering Controls

Engineering controls	Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.
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8.2. Personal Protective Equipment

General	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product . Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.
Eye/Face Protection	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type of safety glasses.
Skin Protection	Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respiratory Protection	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Clear Liquid
Form	NA
Odor	Ester like odor
VOC(g/L)	736
Boiling Point/Freezing Point	N/DA
Melting point/range	NA
Flash point (°F/°C)	TAG Closed: 26 °F / -3.3 °C
pH	NA
Evaporation rate	NA
Vapour pressure	N/DA
Vapour density	(AIR=1):1
Solubility In Water (20°C)	Insoluble
Specific Gravity	(H2O=1) : 0,92
Viscosity	15 cps
% Volatile	W/W % : 50+
Decomposition Temperature	N/DA
Ignition	NA
Octanol/Water Partioning Coefficient Log Po/w	N/DA
Flammable Limit (vol%)	400 ppm
Auto-ignition Temperature (vol%)	750°F -900 °F

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Chemical stability	Stable.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Heat, flame, ignition sources.
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10.5. Incompatible materials

Materials to avoid	Avoid oxidizing agents, acids & bases (heat).
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10.6. Hazardous decomposition products

Hazardous decomposition products	Heated material produces NO2 , CO2 , CO.
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10.7. Hazardous Polymerization

Hazardous Polymerization	May occur.
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SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-skin	Irritation-Eye
Oral LD50 (rat) : 4.0-6.0g/kg	Dermal LD50 (rabbit): >20mL/kg	Inhalation LC50 (rat) : 3500 - 8000 ppm/4 hours	Rabbit : slight	Rabbit : slight
Since this product contains a mixture of active components, the primary toxicological information is derived from the acetate s. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.				
Sensitization		Mutagenicity	Sub-chronic Toxicity	
N/DA		E.Coli: DNA Damage: 20mol/L	N/DA	

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity To Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations	<p>Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.</p> <p>Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.</p>
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SECTION 14. TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII
Identification Number	UN1993
Marine Pollutant	No
Special Provisions	T8, T31
Emergency Response Guidebook (ERG)#	128
IATA (DGR)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII
Class or Division	3
UN or ID Number	UN1993
Packaging instructions	A3
Emergency Response Guidance (ICAO)#	3L
IMO (IMDG)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII
Class or Division	3.2
UN or ID Number	UN1993
Special Provisions & Stowage/Segregation	None
Emergency Schedule (EmS)#	307
Other Information	Flash point = -3.3°C

SECTION 15. REGULATORY INFORMATION

15.1. US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> • NONE This product contains no ODS's
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S Clean Water Act Hazardous Substance List: <ul style="list-style-type: none"> • NONE The following chemicals are listed as primary pollutants: <ul style="list-style-type: none"> • NONE
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 the following chemicals considered to be hazardous waste under RCRA (40 CFR 261): <ul style="list-style-type: none"> • Ethyl Acetate , CAS #141 - 78 - 6 RCRA Code: U112.
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 chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> • Ethyl Acetate , CAS #141 - 78 - 6, RQ (Lbs) : 5000
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 • Reactive 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	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	None of the chemicals listed have a SNUR under TSCA.


15.2. State Regulations

CA Right-to-Know Law California No Significant Risk Rule	Ethyl Acetate CAS # 141-78-6 NONE
MA Right-to-know Law	Ethyl Acetate CAS # 141-78-6
NJ Right-to-know Law	Ethyl Acetate CAS # 141-78-6
PA Right-to-know Law	Ethyl Acetate CAS # 141-78-6
FL Right-to-know Law	Ethyl Acetate CAS # 141-78-6
MN Right-to-know Law	Ethyl Acetate CAS # 141-78-6

15.3 . International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl Acetate CAS #141-78-6 is on the DSL List. WHMIS = B2, D2B 2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy)BIS-GMA CAS# 1565-94-2 is n/da for the DSL List. WHMIS = n/da 2-Hydroxyethyl methacrylate CAS #868-77-9 on the DSL List. WHMIS = n/da
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15.4. Labeling according to EC Directives – 1999/45/EC

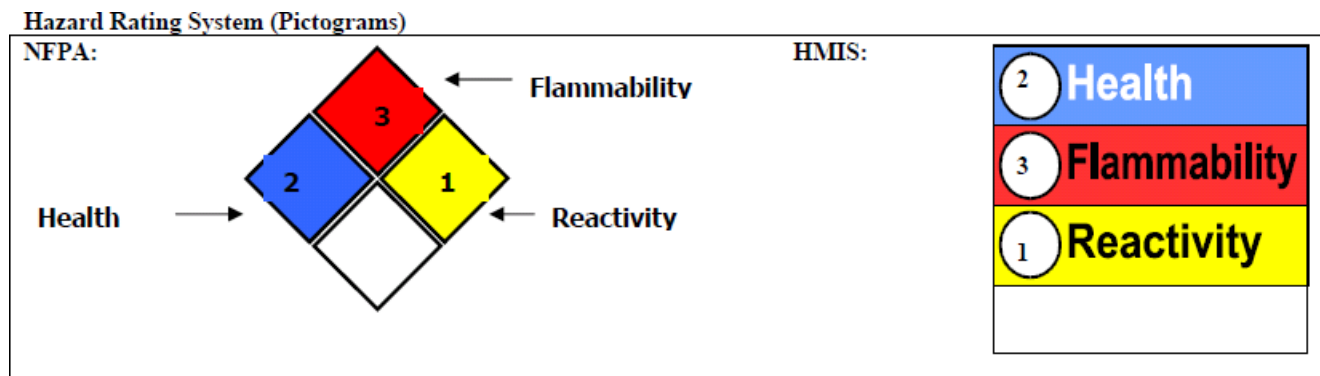
<p>European Community</p> 	<p>ULTRA BOND</p> <ul style="list-style-type: none"> • Hazard Symbols: Xi, F • Risk Phrases: R11, highly flammable, R36: Irritating to eyes, R43: May cause sensitization by skin contact, R66: repeated exposure may cause skin dryness and cracking, R67: Vapors may cause drowsiness and dizziness. • Safety Phrases: S16: keep away from sources of ignition- no smoking, S26: in case of contact with eyes, rinse immediately, S28A: after contact with skin, wash immediately with plenty of water, S33: take precautionary measures against static discharges, S36/37: Wear suitable protective clothing and gloves.
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SECTION 16. OTHER INFORMATION

16.1. EU Classes and Risk / Safety phrases for Referenced Ingredients (See Section 2)

Hazard Symbol	F – Flammable substances or preparations Xi – Irritants
Risk Phrase	R11 Highly flammable; R36 Irritating to eyes; R36/38 Irritating to eyes and skin R43 May cause sensitization by skin contact; R66 Repeated exposure may cause skin dryness or cracking; R67 Vapors may cause drowsiness and dizziness
Safety Phrase	S2 Keep out of the reach of children; S16 Keep away from sources of ignition – No smoking; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S28 After contact with skin, wash immediately with plenty of water; S33 Take precautionary measures against static discharges

16.2. Hazard Rating System (Pictograms)



Other information:

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