

Safety Data Sheet

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

Product name: Flex It! Fibre Soft White
 Use of substance / mixture: UV curable Nail Gel
 Item number:
 Pages:
 Details of the supplier of the safety data sheet:
Company name: I Hazel Dixon Nails Ltd
 Unit 4 Faraday Place
 Thetford, Norfolk
 IP24 3RG
 Tel: +44 7494 470168
 Fax:
 Email: Hazeldixonnails@yahoo.co.uk

SECTION 2. HAZARDS IDENTIFICATION

2.1. Emergency overview

This information is based on findings from related or similar materials.
 This substance is considered to be non-hazardous for transport
 Physical state: Liquid Health: 1*
 Color: transparent Odor: Light
 Personal Protection: See Section 8
 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
 Potential Health Effects
 Skin contact: Contact skin will cause irritation.
 Eye contact: Contact with eyes will cause irritation

2.2. Potential Health Effects, Signs and Symptoms of Exposure

Primary Route of Entry	No specific information available. Although, this product opposes only slight irritation concern with all routes of entry.
Eye	No specific information available. Contains materials that are essentially nonirritating, but contact may cause slight transient irritation.
Skin	No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.
Ingestion	No specific information available. Contains materials that may be practically nontoxic.
Inhalation	No specific information available. Low volatility makes vapor inhalation unlikely
Sub-Chronic Effects	No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

NUTE: Refer to Section 11, Toxicological Information for Details

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Hazardous ingredients

Chemical Components	CAS NO	Hazard classification	Min / max %
Acrylates Copolymer	25035-69-2	Not classified	50-75
Isobornyl Acrylate	5888-33-5	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2 STOS SE 3 Aquatic Acute 1 Aquatic Chronic 1	15-25
Trimethylbenzoyl Diphenylphosphine Oxide	75980-60-8	Repr. 2	1-5
Dimethicone	9006-65-9	Not classified	1-5

This substance is considered to be non-hazardous for transport

Emergency Overview

Physical state: Liquid

Health: 1*

Color: Clear

Odor: Light

Personal Protection: See Section 8

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

Potential Health Effects

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact	Flush with plenty of water for 15 minutes and seek medical attention.
Skin contact	Remove contaminated clothing and wash contact area with soap and water for 15 minutes.
Inhalation	In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
Ingestion	Do not induce vomiting. Keep individual calm. Get medical attention immediately

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol%)
> 212°F/105°C	No Data	No Data

Method:

Extinguishing Media	Foam, dry chemical or carbon dioxide
Fire Fighting Instructions	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual 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

Spill or Release Procedures	Remove sources of ignition. Prevent product from entering drains or open waters.
Clean-up methods	Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements	Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
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7.3. Specific end use(s)

Explosion Hazard	Incompatible products: Refer to Section 10.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Engineering Controls

Engineering controls	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits
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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	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
Skin Protection	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.
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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Clear to slight white,viscous liquid
Form	NDA
Odor	Characteristic acrylate odor
Boiling Point/range	93C (200F)
Melting point/range	NDA
Flash point (°F/°C)	> 212°F/100°C Setflash
pH	NDA
Evaporation rate	NDA
Vapour pressure	(mm Hg) @ 20° C:<0.01
Vapour density	NDA
Solubility In Water	Slight
Specific Gravity	(H2O=1) : 1.10
Viscosity	1.10
% Volatile	0.80 %
Decomposition Temperature	NDA
Ignition	NDA
Octanol/Water Partioning Coefficient Log Po/w	NDA
Flammable Limit (vol%)	No Data
Auto-ignition Temperature (vol%)	No Data

NDA= No Data Available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Chemical stability	Stable under normal conditions of storage and use
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidizing agents. Bases
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10.6. Hazardous decomposition products

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

Hazardous Polymerization	May occur -- Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.
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SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
Polyurethane Acrylate Oligomer	no	no	no
Ethylene Glycol Methacrylate	no	no	no
1-Hydroxycyclohexyl Phenyl Ketone	no	no	no
Polymer Acrylate Oligomer	no	no	no
Trimethylbenzoyl Diphenylphosphine oxide	no	no	no

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	Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations. 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.
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SECTION 14. TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name	Non-Regulated Material
Identification #	
Marine Pollutant	
Special Provisions	
Emergency Response Guidebook (ERG)#	
IATA (DGR)	Non-Regulated Material
Proper Shipping Name	
Class or Division	
UN or ID Number	
Packaging instructions	
Emergency Response Guidance (ICAO)#	
IMO (IMDG)	Non-Regulated Material
Proper Shipping Name	
Class or Division	
UN or ID Number	

Special Provisions & Stowage/Segregation	None
Emergency Schedule (EmS)#	
Other Information	Flash point = 100°C

SECTION 15. REGULATORY INFORMATION




15.4. Labeling according to EC Directives – 1999/45/EC

R36

Risk Statements: Irritating to eyes.

S 2 26

Safety Statements: Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical

<p>EINECS: European Community</p>  <p style="text-align: right;">Warning</p>   <p style="text-align: right;">Warning</p>	<p>Labelling signal word; Warning HAZARD SYMBOLS: GHS07 – exclamation mark GHS09: environment HAZARD statements; H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects H361f: Suspected of damaging fertility Precautionary statements; P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... P302+P352: IF ON SKIN: Wash with plenty of water/... P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P273: Avoid release to the environment. P321: Specific treatment (see ... on this label). see supplemental first aid instructions on this label P391: Collect spillage. P501: Dispose of contents/container to ...in accordance with local regulation.</p>
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SECTION 16. OTHER INFORMATION

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

Hazard Symbol	Xi: Irritant,
Risk Phrase	R36/37/38 Irritating to eyes, respiratory system and skin; R36/38 Irritating to eyes and skin; R43 May cause sensitisation by skin contact
Safety Phrase	S2 Keep out of the reach of children; S3/7 Keep container tightly closed in a cool place; 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; S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

Other information:

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