



Safety Data Sheet July 2026

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		
1.1. Product identifier		
Product Code(s)	O1CFC5L	
Product name	UV Changeover Fluid	
Product category	PLUS UV Ink	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Recommended use	Industrial Printing Operations	
1.3. Details of the supplier of the safety data sheet		
Ollinks Unit D15, HRS Business Park Garretts Green Lane Garretts Green Birmingham, B33 0UE Tel: +44 (0)121 243 5475		
For further information, please contact		
Contact person	Jennifer Davies	
E-mail address	Info@inkjetmonkey.com	
1.4. Emergency telephone number		
0044 7930 324 262		
Section 2: HAZARDS IDENTIFICATION		
2.1. Classification of the substance or mixture		
<i>Classification according to Regulation (EC) No. 1272/2008 [CLP]</i>		
Skin sensitization	Category 1 - (H317)	
Reproductive toxicity	Category 2 - (H361fd)	

Chronic aquatic toxicity	Category 2 - (H411)	
2.2. Label elements		
Signal word		
Warning		
Hazard statements		
H317 - May cause an allergic skin reaction H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child H411 - Toxic to aquatic life with long lasting effects		
Precautionary Statements - EU (§28, 1272/2008)		
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P273 - Avoid release to the environment P280 - Wear protective gloves/protective clothing/eye protection/face protection P362 + P364 - Take off contaminated clothing and wash it before reuse		
2.3. Other hazards		
No information available.		
PBT and vPvB assessment	This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).	
Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors.	
Section 3: COMPOSITION/INFORMATION ON INGREDIENTS		
3.2 Mixtures		
Chemical name	EC No (EU Index No) CAS No. Weight-% Classification according to Regulation (EC) No. 1272/2008 [CLP] REACH registration number Note	
2-Phenoxyethyl acrylate	256-360-6 48145-04-6 80 - 100 Skin Sens. 1A (H317) Repr. 2 (H361fd) Aquatic Chronic 2 (H411) 01-2119980532-35-xxxx	

N-vinylcaprolactam	218-787-6 2235-00-9 0.10 - < 0.50 Acute Tox. 4 (H302) Acute Tox. 4 (H312) Eye Irrit. 2A (H319) Skin Sens. 1B (H317) STOT RE 1 (H372) [liver, respiratory system] 01-2119977109-27-xxxx	
<i>Note</i> REACH No: Registration number(s) may not be provided because substance(s) are exempted or not yet required to be registered under REACH		
Chemical name	EU - CLP (1272/2008) - Annex VI - Table 3 - Acute Toxicity Estimates (ATEs) Specific concentration limit (SCL) M-Factor M-Factor (long-term)	
2-Phenoxyethyl acrylate 48145-04-6	1	
Full text of H- and EUH-phrases: see section 16		
Section 4:		
FIRST AID MEASURES		
<u>4.1. Description of first aid measures</u>		
	General Advice	Show this safety data sheet to the doctor in attendance.
	Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
	Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.
	Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.
	Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<u>4.2. Most important symptoms and effects, both acute and delayed</u>		

	None under normal use conditions.	
<u>4.3. Indication of any immediate medical attention and special treatment needed</u>		
	Notes to Physician	Treat symptomatically.
Section 5:		
FIRE FIGHTING MEASURES		
<u>5.1. Extinguishing media</u>		
	Suitable Extinguishing Media Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
	Unsuitable Extinguishing Media No information available.	
<u>5.2. Special hazards arising from the substance or mixture</u>		
	Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions. Hazardous polymerization may take place during a fire due to heat. Closed containers could violently rupture.	
<u>5.3. Advice for firefighters</u>		
	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.	
Section 6:		
ACCIDENTAL RELEASE MEASURES		
<u>6.1. Personal precautions, protective equipment and emergency procedures</u>		
	Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.	
<u>6.2. Environmental precautions</u>		
	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and	

	waterways. Local authorities should be advised if significant spillages cannot be contained.	
<u>6.3. Methods and material for containment and cleaning up</u>		
	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.	
<u>6.4. Reference to other sections</u>		
	See Section 12 for more information.	
Section 7: HANDLING AND STORAGE		
<u>7.1. Precautions for safe handling</u>		
	Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.	
<u>7.2. Conditions for safe storage, including any incompatibilities</u>		
	Keep at temperatures between 18°-32°C (65°-90°F). Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep out of the reach of children. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.	
<u>7.3. Specific end use(s)</u>		
	Exposure scenario	No information available.
	Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
<u>8.1. Control parameters</u>		
Exposure limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits		

established by the region specific regulatory bodies		
Derived No Effect Level (DNEL)		
Chemical name	DNEL - Workers (Dermal) DNEL - Workers (Inhalation)	
2-Phenoxyethyl acrylate 48145-04-6	1.5 mg/kg (Systemic long term) 10 mg/m ³ (Systemic long term) 77 mg/m ³ (Local long term)	
N-vinylcaprolactam 2235-00-9	0.7 mg/kg (Systemic long term) 4.9 mg/m ³ (Systemic long term) 0.17 mg/m ³ (Local long term)	
Predicted No Effect Concentration (PNEC)	No information available.	
8.2. Exposure controls		
	Engineering Measures	Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values. In case of insufficient ventilation, wear suitable respiratory equipment.
Personal protective equipment		
	Eye/Face Protection	Wear safety glasses with side shields (or goggles). If splashes are likely to occur: Wear suitable face shield. Ensure that eyewash stations and safety showers are close to the workstation location.
	Eye Protection	Safety glasses with side-shields. Goggles. Face-shield. Avoid contact with eyes. Ensure that eyewash stations and safety showers are close to the workstation location.
	Skin Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
	Hand Protection	Chemical resistant protective gloves. Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time): eg. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

		Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers. Taking into account the varying conditions, the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing. Due to different glove types, the manufacturer's directions for use should be observed. Replace gloves immediately when torn or any change in appearance is noticed such as dimension, color, flexibility.
	Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.
	General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended.
Environmental exposure controls	No information available.	
SECTION 9: Physical and chemical properties		
<u>9.1. Information on basic physical and chemical properties</u>		
Physical state	Liquid	
Appearance	No information available	
Odor	Mild. Sweet. Acrylic.	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	
	<u>Remarks • Method</u>	
Melting point / freezing point	No data available	
	None known	
Initial boiling point and boiling range	> 149 °C	
	None known	
Flammability	No data available	
	None known	
Flammability Limit in Air		

	None known	
	Upper flammability or explosive limits	No data available
	Lower flammability or explosive limits	No data available
Flash point	> 94 °C	
	Pensky Martens Closed Cup (PMCC)	
Autoignition temperature	No data available	
	None known	
Decomposition temperature		
	None known	
pH	No data available	
	None known	
	pH (as aqueous solution)	No data available
	None known	
Kinematic viscosity	No data available	
	None known	
	Dynamic viscosity	No data available
	None known	
Water solubility	No data available	
	None known	
Solubility(ies)	No data available	
	None known	
Partition coefficient	No data available	
	None known	
Vapor pressure	No data available	
	None known	
Relative density	1.10	
	None known	
	Bulk density	No data available
	Liquid Density	No data available
Relative vapor density	No data available	
	None known	
Particle characteristics		
	Particle Size	No data available
	Particle Size Distribution	No data available
9.2. Other information		
9.2.1. Information with regard to physical hazard classes		
Not applicable		
9.2.2. Other safety characteristics		
No information available		
Section 10: STABILITY AND REACTIVITY		
10.1. Reactivity		

	No information available.	
<u>10.2. Chemical stability</u>		
	Stable under normal conditions.	
<u>10.3. Possibility of hazardous reactions</u>		
	None under normal processing. Do not store for longer periods at temperatures above 93°C (200°F).	
<u>10.4. Conditions to avoid</u>		
	Temperatures above 93 °C / 200 °F. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.	
<u>10.5. Incompatible materials</u>		
	Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.	
<u>10.6. Hazardous decomposition products</u>		
	Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO ₂). Carbon monoxide.	
Section 11: TOXICOLOGICAL INFORMATION		
<u>11.1 Information on toxicological effects</u>		
Acute Toxicity		
	Inhalation	Specific test data for the substance or mixture is not available.
	Eye Contact	Specific test data for the substance or mixture is not available.
	Skin Contact	Specific test data for the substance or mixture is not available.
	Ingestion	Specific test data for the substance or mixture is not available.
Unknown acute toxicity	0 % of the mixture consists of ingredient(s) of unknown acute toxicity.	
The following values are calculated based on chapter 3.1 of the GHS document		
	ATEmix (oral)	99,999.00
	ATEmix (dermal)	99,999.00
	ATEmix (inhalation-gas)	99,999.00
	ATEmix (inhalation-dust/mist)	99,999.00
	ATEmix (inhalation-vapor)	99,999.00

	Unknown Acute Toxicity	
	0 % of the mixture consists of ingredient(s) of unknown acute toxicity.	
	0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.	
	0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.	
	0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).	
	0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).	
	0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).	
Chemical name	Oral LD50	
2-Phenoxyethyl acrylate 48145-04-6	= 4660 µL/kg (Rat)	
Chemical name	Dermal LD50	
N-vinylcaprolactam 2235-00-9	= 1700 mg/kg (Rabbit)	
Chemical name	Inhalation LC50	
N-vinylcaprolactam 2235-00-9	> 1.6 mg/L (Rat) 8 h	
Skin corrosion/irritation	Specific test data for the substance or mixture is not available.	
Eye damage/irritation	Specific test data for the substance or mixture is not available.	
Sensitization	Specific test data for the substance or mixture is not available. May cause an allergic skin reaction. (based on components).	
Mutagenic Effects	Specific test data for the substance or mixture is not available.	
Carcinogenic effects	Specific test data for the substance or mixture is not available.	
Reproductive Effects	Specific test data for the substance or mixture is not available. Suspected of damaging fertility. Suspected of damaging the unborn child. (based on components).	
CMR, categories 1 and 2	This product contains one or more substances which are classified in the EU as carcinogenic, mutagenic and/or reprotoxic	
Chemical name	CMR, categories 1 and 2	
2-Phenoxyethyl acrylate 48145-04-6	Repr. 2	
STOT - single exposure	Specific test data for the substance or mixture is not available.	
STOT - repeated exposure	Specific test data for the substance or mixture is not available.	
Aspiration hazard	Specific test data for the substance	

	or mixture is not available.	
<u>11.2. Information on other hazards</u>		
No information available		
Section 12: ECOLOGICAL INFORMATION		
<u>12.1. Toxicity</u>		
	Specific test data for the substance or mixture is not available. Toxic to aquatic life with long lasting effects. (based on components).	
	Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment	
Chemical name N-vinylcaprolactam 2235-00-9	Fish 96h LC50 Danio rerio: = 307 mg/L (static)	
<u>12.2. Persistence and degradability</u>		
	No information available.	
<u>12.3. Bioaccumulative potential</u>		
	No information available	
<u>12.4. Mobility in soil</u>		
	No information available.	
<u>12.5. Results of PBT and vPvB assessment</u>		
	This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).	
<u>12.6 Endocrine disrupting properties.</u>		
	This product does not contain any known or suspected endocrine disruptors.	
<u>12.7. Other adverse effects</u>		
	No information available.	
Section 13: DISPOSAL CONSIDERATIONS		

13.1. Waste treatment methods		
	Waste from residues/unused products	Contain and dispose of waste according to local regulations.
	Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Section 14: TRANSPORT INFORMATION		
Note:	This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.	
ADR	Not Regulated ADR Special Provision 375 applies only to environmentally hazardous substances, UN3077 and UN3082. These items may be shipped as "not regulated" if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.	
ICAO / IATA / IMDG / IMO	Not Regulated ICAO/IATA Special Provision A197 applies only to environmentally hazardous substances, UN3077 and UN3082. These items may be shipped as "not regulated" if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards. IMDG code 2.10.2.7 applies only to marine pollutants. These items may be shipped as "not regulated" and no marine pollutant mark is required if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.	
Section 15: REGULATORY INFORMATION		

<u>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</u>		
<i>European Union</i>		
<u>International Inventories</u> For further information, please contact: Supplier (manufacturer/importer/downstream user/distributor)		
<u>Regulation (EC) No. 1907/2006 (REACH), Article 57</u> This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).		
<u>15.2. Chemical safety assessment</u> No information available.		
Section 16: OTHER INFORMATION		
<u>Key or legend to abbreviations and acronyms used in the safety data sheet</u>		
Full text of H-Statements referred to under section 3 H302 - Harmful if swallowed H312 - Harmful in contact with skin H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child H372 - Causes damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects		
Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
TWA	TWA (time-weighted average)	
	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	
	Sk*	Skin designation
+	Sensitizers	
Revision date	Oct-03-2025	

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)		
<u>Disclaimer</u> The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.		
End of Safety Data Sheet		