

SAFETY DATA SHEET

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 26-Sep-2021

Revision Date 26-Sep-2021

Revision Number 2.04

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

1.1. Product identifier

Product Code(s)	SDS-06199 EN E
Product Name	Support, SUP706 B™
PN (Part Number)	OBJ-03046, OBJ-04042, OBJ-18016
Denmark PR No	N/A
Chemical name	Acrylic formulation
Pure substance/mixture	Mixture
1.2. Relevant identified uses of the	e substance or mixture and uses advised against
Recommended Use	Printing inks
Uses advised against	This product is a cartridge containing ink. Under normal conditions of use, the substance is released from a cartridge only inside an appropriate printing system, and therefore, exposure is limited

1.3. Details of the supplier of the safety data sheet

Importer

Stratasys EMEA Regional Office Airport Boulevard B 120 77836 Rheinmünster, Germany Phone: +49-7229-7772-0

For further information, please contact E-mail address info@Stratasys.com

1.4. Emergency telephone number

Emergency Telephone	+44 1235 239670 - Europe - Multi lingual response
Austria	Poison Information Centre (AT): +43-(0)1-406 43 43
Belgium	Poison Centre (BE): +32 70 245 245
Bulgaria	Poison Center (BG): +359 (0)2 9154 233
Croatia	Poison Control (CR): +385 1 2348 342
Czech Republic	Poison Control (CS): +420 224 919 293, +420 224 915 402
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
Estonia	Poison Control (ET): 112, 16662, +372 7943 794
Finland	Poison Information Centre (FI): +358 9 471 977
France	ORFILA (FR): + 01 45 42 59 59
Greece	Poison Information Center (EL): +30 210 779 3777 Emergency Poison Centre telephone number, Aglaia Kyriakou Children's Hospital
Hungary	Poison Information Service (HU): +36 (06) 80 201-199

Ireland Italy Latvia	+353 (0)1 809 2166 – public poisons information line Poison Centre, Milan (IT): +39 02 6610 1029 State Fire and Rescue Service, phone number: 112. State Toxicology Center, Poisoning
	and Drug Information Center, Hipokrāta 2, Riga, Latvia, LV-1079, phone number +371 67042473
Lithuania	Poison Information Office (LT): 112, +370 (8)5 236 20 52, +370 (8)6 875 33 78
Netherlands	National Poisons Information Center (NVIC): 030-274 8888 (Only for the purpose of
	informing medical personnel in cases of acute intoxications)
Norway	Poisons Information (NO): + 47 22 591300
Portugal	Poison Information Centre (PT): +351 808 250 250
Slovakia	Poison Information Service (SK): +421 911 166066
Spain	Poison Information Service (ES): +34 91 562 04 20
Sweden	112 – ask for Poisons Information
Switzerland	Tox Info Suisse: 145, +41 44 251 51 51

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008	
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Contains N-hydroxyethylacrylamide, Acrylic acid, 2-hydroxyethyl ester



Danger

Hazard statements

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H373 May cause damage to organs through prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P260 Do not breathe vapour
- P280 Wear protective gloves and eye/face protection
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P310 Immediately call a POISON CENTER or doctor
- P501 Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Harmful to aquatic life.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

Chemical name	EC No	CAS No	Index no.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Propane-1,2-diol	200-338-0	57-55-6	-	10 - 30	Not classified	01-2119456809-23-000 6
Polyethylene Glycol 400	-	25322-68-3	-	10 - 30	Not classified	No data available
Proprietary	Not Listed	-	-	3-10	Eye Dam. 1 (H318) STOT RE 2 (H373)	01-2119422483-45-XXX X
Acrylic acid, 2-hydroxyethyl ester	212-454-9	818-61-1	607-072-00-8	1-3	Acute Tox. 4 (H302) Acute Tox. 2 (H310) Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)	No data available
4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	-	55818-57-0	-	0.3-1	Skin Sens. 1 (H317)	01-2119490020-53-XXX X
Ethoxylated Trimethylolpropane Triacrylate	-	28961-43-5	-	0.3-1	Skin Sens. 1B (H317) Eye Irrit. 2 (H319)	No data available
4-Methoxyphenol/ Mequinol	205-769-8	150-76-5	-	0.1 - 0.3	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Repr. 2 (H361d) Aquatic Chronic 3 (H412)	No data available
2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol	204-881-4	128-37-0	-	0.1 - 0.3	Acute Tox. 4 H302 Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Heptane	205-563-8	142-82-5	-	<0.1	Skin Irrit. 2 (H315) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 2 (H225)	No data available

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).
4.2. Most important symptoms and	effects, both acute and delayed

Symptoms

Burning sensation. Itching. Rashes. Hives.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors May cause sensitisation in susceptible persons. Treat symptomatically.

Section 5: FIREFIGHTING MEASURES 5.1. Extinguishing media Suitable Extinguishing Media Use extinguishing agent suitable for type of surrounding fire Class B fires: Use carbon dioxide (CO2), regular dry chemical (sodium bicarbonate), regular foam (Aqueous Film Forming Foam-AFFF), or water spray to cool containers Unsuitable extinguishing media No information available. 5.2. Special hazards arising from the substance or mixture Specific hazards arising from the Product is or contains a sensitiser. May cause sensitisation by skin contact. chemical 5.3. Advice for firefighters Special protective equipment for Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out. Isolate the hazard area and deny entry to fire-fighters unnecessary and unprotected personnel. Keep out of drains, sewers, ditches and waterways. Inhalation is a health risk. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Occupational Spill Release	Intact cartridges do not pose a leak or spill hazard. Damaged cartridges may leak uncured ink. Stop leak if you can do it without risk Use water spray to reduce vapours or divert vapour cloud drift Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container Keep out of drains, sewers, ditches and waterways
Other Information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.
6.2. Environmental precautions	
Environmental precautions	Prevent further leakage or spillage if safe to do so.
6.3. Methods and material for conta	inment and cleaning up
Methods for containment	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling	Avoid breathing vapours or mists. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Do not eat, drink or smoke when using this product.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, inc	cluding any incompatibilities
Storage Conditions	Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Store in a cool, well ventilated area. Store in accordance with local regulations. Keep container tightly closed. Store between 15 °C and 27 °C. Shipment temperature (up to 5 weeks) is -20 °C to 50 °C. Store in a combustible storage area away from heat and open flame.
Hints on joint storage	
Storage class	LGK10 - Combustible liquids unless storage class 3
7.3. Specific end use(s)	

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure disclaimer

Personal protection measures are only needed if cartridge is damaged punctured causing spillage of material.

8.1. Control parameters

Exposure Limits

Chemical name	European Union	United Kingdom	France	Spain	Germany
Propane-1,2-diol 57-55-6	-	TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³	-	-	-
Polyethylene Glycol 400 25322-68-3	-	-	-	-	TWA: 200 mg/m ³
4-Methoxyphenol/ Mequinol 150-76-5	-	-	TWA: 5 mg/m ³	TWA: 5 mg/m ³	-
2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0	-	TWA: 10 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³

L la sta sa a	T14/4 500 mm		T) A / A = 400 mmm		
Heptane	TWA 500 ppm	TWA: 500 ppm	TWA: 400 ppm	TWA: 500 ppm	TWA: 500 ppm
142-82-5	TWA 2085 mg/m ³	TWA: 2085 mg/m ³	TWA: 1668 mg/m ³	TWA: 2085 mg/m ³	TWA: 2100 mg/m ³
		STEL: 1500 ppm	TWA: 1000 mg/m ³		
		STEL: 6255 mg/m ³	STEL: 500 ppm		
			STEL: 2085 mg/m ³		
			STEL: 1500 mg/m ³	- , ,	
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Polyethylene Glycol 400	-	-	-	-	TWA: 1000 mg/m ³
25322-68-3					
Acrylic acid,	-	-	-	-	TWA: 1 ppm
2-hydroxyethyl ester					TWA: 5 mg/m ³
818-61-1					H*
4-Methoxyphenol/	-	TWA: 5 mg/m ³	-	-	TWA: 5 mg/m ³
Mequinol					
150-76-5					
2,6-Bis(1,1-Dimethylethyl	-	TWA: 2 mg/m ³	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³
)-4-Methyl-Phenol				STEL: 20 mg/m ³	, i i i i i i i i i i i i i i i i i i i
128-37-0					
Heptane	TWA: 500 ppm	TWA: 500 ppm	TWA: 1200 mg/m ³	TWA: 300 ppm	TWA: 200 ppm
142-82-5	TWA: 2085 mg/m ³	TWA: 2085 mg/m ³	STEL: 1600 mg/m ³	TWA: 1200 mg/m ³	TWA: 820 mg/m ³
	Ŭ	STEL: 500 ppm	5	STEL: 500 ppm	J
				STEL: 2100 mg/m ³	
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Propane-1,2-diol	-	-	TWA: 100 mg/m ³	TWA: 25 ppm	TWA: 10 mg/m ³
57-55-6			J. J.	TWA: 79 mg/m ³	TWA: 150 ppm
				STEL: 37.5 ppm	TWA: 470 mg/m ³
					TWA: 470 mg/m ³ STEL: 1410 mg/m ³
				STEL: 37.5 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³
Polvethylene Glycol 400	TWA: 1000 ma/m ³	TWA: 500 mg/m ³		STEL: 37.5 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³
Polyethylene Glycol 400 25322-68-3	TWA: 1000 mg/m ³ STEL 4000 mg/m ³	TWA: 500 mg/m ³		STEL: 37.5 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³
25322-68-3	STEL 4000 mg/m ³	TWA: 500 mg/m ³	- TWA: 5 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm
25322-68-3 4-Methoxyphenol/	STEL 4000 mg/m ³ TWA: 5 mg/m ³		- TWA: 5 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol	STEL 4000 mg/m ³		- TWA: 5 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³	-	- TWA: 5 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl	STEL 4000 mg/m ³ TWA: 5 mg/m ³	- TWA: 10 mg/m ³	- TWA: 5 mg/m³ -	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³	-	- TWA: 5 mg/m³ -	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³	- TWA: 10 mg/m ³ STEL: 40 mg/m ³	-	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ -	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³	-	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 800 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ - TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 250 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 250 ppm STEL: 1000 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 250 ppm STEL: 1000 mg/m ³ STEL: 1000 mg/m ³ STEL: 60 ppm	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm
25322-68-3 4-Methoxyphenol/ Mequinol 150-76-5 2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol 128-37-0 Heptane	STEL 4000 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³ TWA: 10 mg/m ³ TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm	- TWA: 10 mg/m ³ STEL: 40 mg/m ³ TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm	- STEL: 2000 mg/m ³	STEL: 37.5 ppm STEL: 118.5 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ - TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 250 ppm STEL: 1000 mg/m ³	TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm - TWA: 5 mg/m ³ STEL: 15 mg/m ³ TWA: 2 mg/m ³ STEL: 6 mg/m ³ TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm

Chemical name	Sweden	Slovakia			
Polyethylene Glycol 400	-	TWA: 1000 mg/m ³	-	-	-
25322-68-3					
Acrylic acid,	NGV: 1 ppm		-	-	-
2-hydroxyethyl ester	NGV: 5 mg/m ³				
818-61-1	Sensitizer				
	*				
	Vägledande KGV: 2				
	ppm				
	Vägledande KGV:				
	10 mg/m ³				
Heptane	NGV: 200 ppm	TWA: 500 ppm	-	-	-
142-82-5	NGV: 800 mg/m ³	TWA: 2085 mg/m ³			

Chemical name	Sweden	Slovakia		
	NGV: 350 mg/m ³			
	Vägledande KGV:			
	300 ppm			
	Vägledande KGV:			
	1200 mg/m ³			

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration No information available. (PNEC)

8.2. Exposure controls

Personal protective equipment

Eye/face protection	Tight sealing safety goggles.	
Hand Protection	Wear suitable gloves. Impervious gloves.	
Skin and body protection	Wear suitable protective clothing. Long sleeved clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.	
Environmental exposure controls	No information available.	

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties				
Physical state	Liquid			
Appearance	Ink cartridge			
Odour	Characteristic			
Colour	vellow			
Odour threshold	No information available			
Property_	Values	Remarks • Method		
pH	N/A			
Melting point / freezing point	No data available	None known		
Boiling point / boiling range	No data available	None known		
Flash point	111 - 113 °C	IP 523 Procedure B , CC (closed cup)		
Evaporation rate	No data available	None known		
Flammability (solid, gas)	No data available	None known		
Flammability Limit in Air		None known		
Upper flammability limit:	No data available			
Lower flammability limit	No data available			

No data available

No data available

Soluble in water

No data available

No data available

No data available

1.10

None known None known g/cm3

None known None known None known

Vapour pressure

Vapour density

Relative density

Water solubility

Partition coefficient

Autoignition temperature

Solubility(ies)

Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive properties
Oxidising properties

9.2. Other information Softening point Molecular weight VOC Content (%) Liquid Density Bulk density Particle Size Particle Size Distribution No data available No data available No data available No information available No information available

No information available No information available No information available No information available No information available No information available No information available None known None known None known

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity

Heating may cause a fire.

10.2. Chemical stability

Stability

Decomposes on exposure to light. Unstable if heated.

Explosion data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Uncured ink will polymerize on exposure to light.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to heat and light.

10.5. Incompatible materials

Incompatible materials Not applicable under normal conditions of use and storage.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal Decomposition Products. Combustion: oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation of respiratory tract. (based on components).
Eye contact	Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).
Skin contact	May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.

Ing	estion
	00000

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. (based on components).

Information on toxicological effects

Symptoms

Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	32,814.40 mg/kg
ATEmix (dermal)	2,994.60 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propane-1,2-diol	= 20 g/kg = 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Polyethylene Glycol 400	= 22 g/kg = 22 g/kg (Rat)	> 20 g/kg (Rabbit)	-
Proprietary	-	> 2000 mg/kg (Rat)	-
Acrylic acid, 2-hydroxyethyl ester	= 548 mg/kg = 548 mg/kg (Rat)	> 1000 mg/kg (Rat)	-
4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	>2000 mg/kg (Rat)	>2000 mg/kg	-
Ethoxylated Trimethylolpropane Triacrylate	-	> 13200 mg/kg (Rabbit)	-
4-Methoxyphenol/ Mequinol	= 1600 mg/kg = 1600 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
2,6-Bis(1,1-Dimethylethyl)-4-Me thyl-Phenol	> 2930 mg/kg > 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Heptane	-	= 3000 mg/kg (Rabbit)	> 73.5 mg/L (Rat)4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Classification based on data available for ingredients. Irritating to skin.	
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.	
Respiratory or skin sensitisation	May cause sensitisation by skin contact. Classification based on data available for ingredients.	
Germ cell mutagenicity	No information available.	
Carcinogenicity	No information available.	
Reproductive toxicity STOT - single exposure	No information available. No information available.	
STOT - repeated exposure	Classification based on data available for ingredients.	
Aspiration hazard	No information available.	

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Harmful to aquatic life with long lasting effects

Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propane-1,2-diol	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 51600: 96 h Oncorhynchus mykiss mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	-	1000: 48 h Daphnia magna mg/L EC50 Static
Proprietary	-	98: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	-	-
Acrylic acid, 2-hydroxyethyl ester	-	4.8: 96 h Pimephales promelas mg/L LC50 flow-through	-	0.78: 48 h Daphnia magna mg/L EC50
Ethoxylated Trimethylolpropane Triacrylate	-	1.95: 96 h Danio rerio mg/L LC50 static	-	-
4-Methoxyphenol/ Mequinol	-	28.5: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 84.3: 96 h Pimephales promelas mg/L LC50 flow-through	-	-
2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol	6: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.42: 72 h Desmodesmus subspicatus mg/L EC50	-	-	-
Heptane	-	375.0: 96 h Cichlid fish mg/L LC50	-	-

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

Component Information

Chemical name	Partition coefficient
Acrylic acid, 2-hydroxyethyl ester	0.21
4-Methoxyphenol/ Mequinol	1.3
2,6-Bis(1,1-Dimethylethyl)-4-Methyl-Phenol	4.17
Heptane	4.66

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Other adverse effects

Other adverse effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
Waste codes / waste designations according to EWC / AVV	08 03 12* Waste ink containing dangerous substances.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant 14.6 Special Provisions 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated Not regulated Not regulated Not regulated Not applicable None No information available
RID14.1UN number or ID number14.2UN proper shipping name14.3Transport hazard class(es)14.4Packing group14.5Environmental hazards14.6Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
ADR 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
IATA 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None

Section 15: REGULATORY INFORMATION

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

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Propane-1,2-diol	RG 84	-
57-55-6		
Acrylic acid, 2-hydroxyethyl ester	RG 65	-
818-61-1		
4-Methoxyphenol/ Mequinol	RG 65	-
150-76-5		
Heptane	RG 84	-
142-82-5		

Germany

Water hazard class (WGK)

slightly hazardous to water (WGK 1)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH	Substance subject to authorisation per
	Annex XVII	REACH Annex XIV
Acrylic acid, 2-hydroxyethyl ester - 818-61-1	75.	
4-Methoxyphenol/ Mequinol - 150-76-5	75.	
Proprietary -	75.	
Heptane - 142-82-5	75.	

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

15.2. Chemical safety assessment

Chemical Safety Report

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour

- H302 Harmful if swallowed
- H304 May be fatal if swallowed and enters airways

H310 - Fatal in contact with skin

- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation

STEL (Short Term Exposure Limit)

Skin designation

H317 - May cause an allergic skin reaction

- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness

H361d - Suspected of damaging the unborn child

- H373 May cause damage to organs through prolonged or repeated exposure
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H412 Harmful to aquatic life with long lasting effects
- H413 May cause long lasting harmful effects to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
Ceiling	Maximum limit value

Classification procedure Classification according to Regulation (EC) No. 1272/2008 [CLP] Method Used Acute oral toxicity Calculation method Acute dermal toxicity Calculation method Acute inhalation toxicity - gas Calculation method Acute inhalation toxicity - Vapor Calculation method Acute inhalation toxicity - dust/mist Calculation method Skin corrosion/irritation Calculation method Serious eye damage/eye irritation Calculation method Respiratory sensitisation Calculation method Calculation method Mutagenicity Carcinogenicity Calculation method Reproductive toxicity Calculation method STOT - single exposure Calculation method Acute aquatic toxicity Calculation method Calculation method Chronic aquatic toxicity Aspiration toxicity Calculation method Ozone Calculation method

STEL

Revision Date

26-Sep-2021

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet derives from a third party source. Whilst we believe that the information is correct as at the date of its publication, we do not make any representations or warranties regarding the accuracy or completeness of the information nor the quality or specification of any materials, substances or mixtures referred to herein (collectively, "Materials"). The information is being provided solely as a guideline for the safe handling, use, consumption, processing, storage, transportation, disposal and release of the Materials. The information may not be sufficient for such purposes and the user should not place any reliance on the information provided. The information may not be applicable to Materials that are combined with any materials or in any process other than as expressly stated herein. We shall not be liable for any kind of liability including, without limitation, damages, losses or expenses, arising out of or as a result of any reliance on the information contained in this Safety Data Sheet.

© 2018-2021 Stratasys Ltd. License granted to make unlimited paper/electronic copies for internal use only. This Safety Data Sheet or sections thereof should not be published, reproduced, modified, or distributed to third parties without prior written consent from Stratasys Ltd.

End of Safety Data Sheet