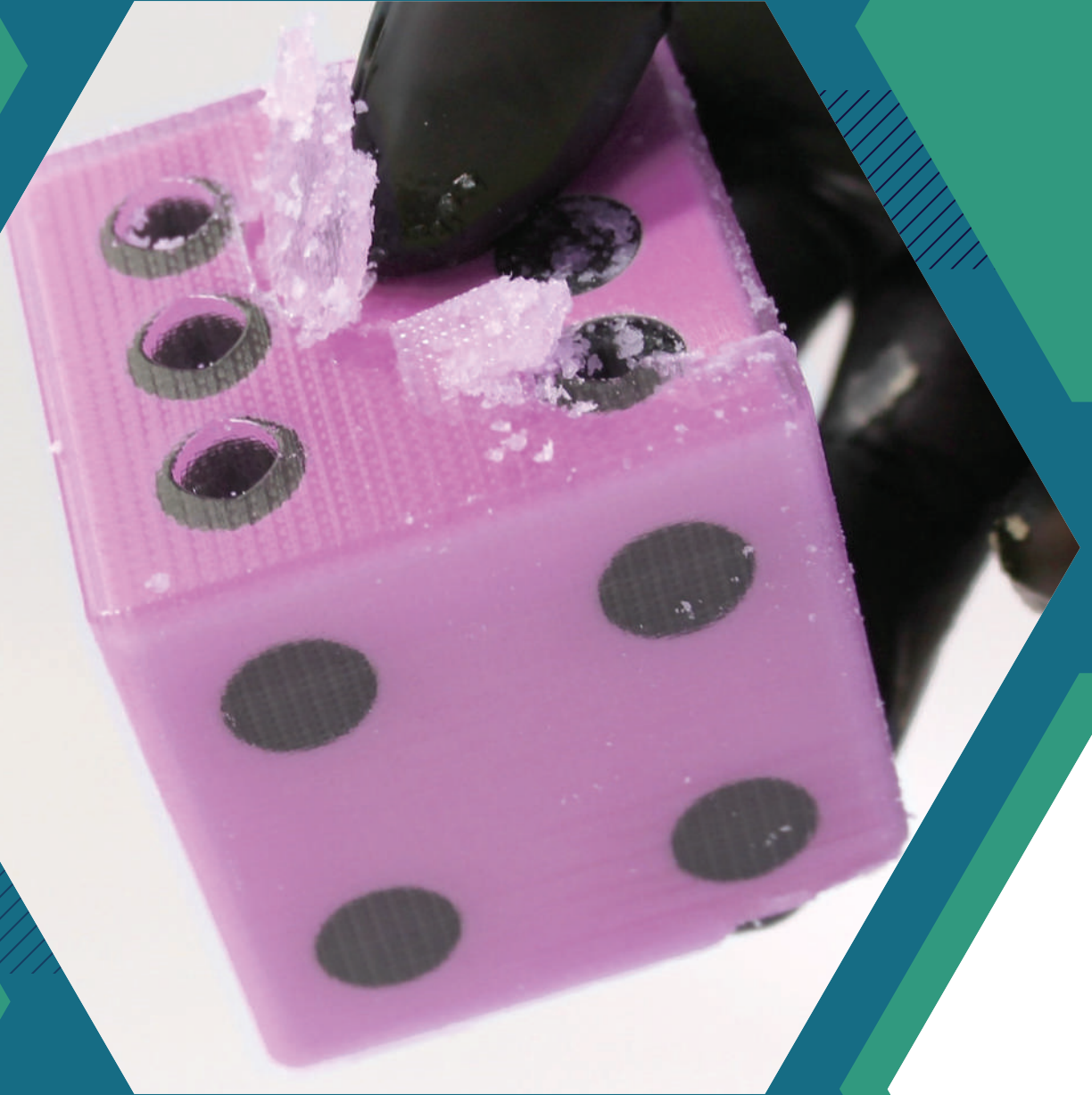





The  
Design to  
Manufacturing Co.



# *MATERIAL* **SUP705**

SAFETY DATA SHEET

For more information or advice:  [theD2Mco.com/contact-us](https://theD2Mco.com/contact-us)

 [info@theD2Mco.com](mailto:info@theD2Mco.com)

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**

<b>Product Code(s)</b>	SDS-06136 EN E
<b>Product Name</b>	Support, SUP705™
<b>PN (Part Number)</b>	OBJ-02200, OBJ-03200, OBJ-04020, OBJ-06260, OBJ-18015
<b>Denmark PR No</b>	4231982
<b>Chemical name</b>	Acrylic formulation
<b>Pure substance/mixture</b>	Mixture

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Recommended Use</b>	Printing inks
<b>Uses advised against</b>	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

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

<b>Ireland</b>	+353 (0)1 809 2166 – public poisons information line
<b>Italy</b>	Poison Centre, Milan (IT): +39 02 6610 1029
<b>Latvia</b>	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
<b>Lithuania</b>	Poison Information Office (LT): 112, +370 (8)5 236 20 52, +370 (8)6 875 33 78
<b>Netherlands</b>	National Poisons Information Center (NVIC): 030-274 8888 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway</b>	Poisons Information (NO): + 47 22 591300
<b>Portugal</b>	Poison Information Centre (PT): +351 808 250 250
<b>Slovakia</b>	Poison Information Service (SK): +421 911 166066
<b>Spain</b>	Poison Information Service (ES): +34 91 562 04 20
<b>Sweden</b>	112 – ask for Poisons Information
<b>Switzerland</b>	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

<b>Acute toxicity - Dermal</b>	Category 4 - (H312)
<b>Skin corrosion/irritation</b>	Category 2 - (H315)
<b>Serious eye damage/eye irritation</b>	Category 1 - (H318)
<b>Skin sensitisation</b>	Category 1A - (H317)
<b>Chronic aquatic toxicity</b>	Category 2 - (H411)

### 2.2. Label elements

Contains Acrylic acid, 2-hydroxyethyl ester, Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide



#### Signal word

Danger

#### Hazard statements

H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H411 - Toxic 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  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/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  
P391 - Collect spillage  
P501 - Dispose of contents/ container to an approved waste disposal plant

### 2.3. Other hazards

Toxic 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
Polyethylene Glycol 400	-	25322-68-3	-	10 - 30	Not classified	No data available
Propane-1,2-diol	200-338-0	57-55-6	-	10 - 30	Not classified	01-2119456809-23-0006
1,2,3-propanetriol	200-289-5	56-81-5	-	10 - 30	Not classified	No data available
Acrylic acid, 2-hydroxyethyl ester	212-454-9	818-61-1	607-072-00-8	3-10	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
Proprietary	No information available	-	-	0.1 - 0.3	Skin Sens. 1A (H317) Aquatic Chronic 4 (H413)	No data available
4-Methoxyphenol/ Mequinol	205-769-8	150-76-5	-	<0.1	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Repr. 2 (H361d) Aquatic Chronic 3 (H412)	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**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	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.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. If symptoms persist, call a doctor.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Burning sensation. Itching. Rashes. Hives.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	May cause sensitisation in susceptible persons. Treat symptomatically.
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## 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 (CO<sub>2</sub>), 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 chemical** Product is or contains a sensitiser. May cause sensitisation by skin contact.

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** 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 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. Ensure adequate ventilation. Use personal protective equipment as required. 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 containment 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, including 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
Polyethylene Glycol 400 25322-68-3	-	-	-	-	TWA: 200 mg/m <sup>3</sup>
Propane-1,2-diol 57-55-6	-	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	-	-	-
1,2,3-propanetriol 56-81-5	-	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 200 mg/m <sup>3</sup>
4-Methoxyphenol/ Mequinol 150-76-5	-	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	-
Heptane 142-82-5	TWA 500 ppm TWA 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 6255 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 1668 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2085 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2100 mg/m <sup>3</sup>

Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Polyethylene Glycol 400 25322-68-3	-	-	-	-	TWA: 1000 mg/m <sup>3</sup>
1,2,3-propanetriol 56-81-5	-	TWA: 10 mg/m <sup>3</sup>	-	TWA: 20 mg/m <sup>3</sup>	-
Acrylic acid, 2-hydroxyethyl ester 818-61-1	-	-	-	-	TWA: 1 ppm TWA: 5 mg/m <sup>3</sup> H*
4-Methoxyphenol/ Mequinol 150-76-5	-	TWA: 5 mg/m <sup>3</sup>	-	-	TWA: 5 mg/m <sup>3</sup>
Heptane 142-82-5	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 500 ppm	TWA: 1200 mg/m <sup>3</sup> STEL: 1600 mg/m <sup>3</sup>	TWA: 300 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 500 ppm STEL: 2100 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 820 mg/m <sup>3</sup>
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Polyethylene Glycol 400 25322-68-3	TWA: 1000 mg/m <sup>3</sup> STEL 4000 mg/m <sup>3</sup>	TWA: 500 mg/m <sup>3</sup>	-	-	-
Propane-1,2-diol 57-55-6	-	-	TWA: 100 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 79 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 118.5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> STEL: 1410 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm
1,2,3-propanetriol 56-81-5	-	TWA: 50 mg/m <sup>3</sup> STEL: 100 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	-
4-Methoxyphenol/ Mequinol 150-76-5	TWA: 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>
Heptane 142-82-5	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup> STEL 2000 ppm STEL 8000 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 1600 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1600 mg/m <sup>3</sup>	STEL: 2000 mg/m <sup>3</sup> TWA: 1200 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 800 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 250 ppm STEL: 1000 mg/m <sup>3</sup> STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 6255 mg/m <sup>3</sup>

Chemical name	Sweden	Slovakia			
Polyethylene Glycol 400 25322-68-3	-	TWA: 1000 mg/m <sup>3</sup>	-	-	-
1,2,3-propanetriol 56-81-5	-	TWA: 11 mg/m <sup>3</sup>	-	-	-
Acrylic acid, 2-hydroxyethyl ester 818-61-1	NGV: 1 ppm NGV: 5 mg/m <sup>3</sup> Sensitizer * Vägledande KGV: 2 ppm Vägledande KGV: 10 mg/m <sup>3</sup>		-	-	-
Heptane 142-82-5	NGV: 200 ppm NGV: 800 mg/m <sup>3</sup> NGV: 350 mg/m <sup>3</sup> Vägledande KGV: 300 ppm Vägledande KGV: 1200 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 2085 mg/m <sup>3</sup>	-	-	-

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## **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**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Ink cartridge
<b>Odour</b>	Characteristic
<b>Colour</b>	clear
<b>Odour threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	N/A	
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash point</b>	109 - 109 °C	
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit:</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapour pressure</b>	No data available	None known
<b>Vapour density</b>	No data available	None known
<b>Relative density</b>	1.12	g/cm3
<b>Water solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available	
<b>Oxidising properties</b>	No information available	

### **9.2. Other information**

**Softening point** No information available



Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 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**

<b>Inhalation</b>	May cause irritation of respiratory tract. (based on components).
<b>Eye contact</b>	Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).
<b>Skin contact</b>	May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.
<b>Ingestion</b>	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)	15,989.70 mg/kg
ATEmix (dermal)	1,459.20 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Polyethylene Glycol 400	= 22 g/kg = 22 g/kg ( Rat )	> 20 g/kg ( Rabbit )	-
Propane-1,2-diol	= 20 g/kg = 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
1,2,3-propanetriol	= 12600 mg/kg = 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 2.75 mg/L ( Rat ) 4 h
Acrylic acid, 2-hydroxyethyl ester	= 548 mg/kg = 548 mg/kg ( Rat )	> 1000 mg/kg ( Rat )	-
Proprietary	> 2000 mg/kg > 2000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
4-Methoxyphenol/ Mequinol	= 1600 mg/kg = 1600 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
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**

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

## Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

**Ecotoxicity** Toxic 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	41 - 47: 96 h Oncorhynchus mykiss	-	1000: 48 h Daphnia magna mg/L EC50 Static

	subcapitata mg/L EC50	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		
1,2,3-propanetriol	-	51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 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
Proprietary	-	90: 96 h Danio rerio µg/L LC50 semi-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	-	-
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
1,2,3-propanetriol	-1.76
Acrylic acid, 2-hydroxyethyl ester	0.21
4-Methoxyphenol/ Mequinol	1.3
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.

<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>Waste codes / waste designations according to EWC / AVV</b>	08 03 12* Waste ink containing dangerous substances.

## Section 14: TRANSPORT INFORMATION

<b>Additional information</b>	The environmentally hazardous substance mark is not required when transported in sizes of ≤5L or ≤5kg The marine pollutant mark is not required when transported in sizes of ≤5L or ≤5kg
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### IMDG

<b>14.1 UN number or ID number</b>	UN3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris (N-hydroxy-N- nitrosophenylaminato-O,O') aluminium, Cyclohexyl phenyl ketone), 9, III, Marine pollutant
<b>14.5 Marine pollutant</b>	This product contains a chemical which is listed as a severe marine pollutant according to IMDG/IMO
<b>Environmental hazards</b>	Yes
<b>14.6 Special Provisions</b>	274, 335, 969
<b>EmS-No</b>	F-A, S-F
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

### RID

<b>14.1 UN number or ID number</b>	UN3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>14.3 Transport hazard class(es)</b>	9
<b>Labels</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris (N-hydroxy-N- nitrosophenylaminato-O,O') aluminium, Cyclohexyl phenyl ketone), 9, III
<b>14.5 Environmental hazards</b>	Yes
<b>14.6 Special Provisions</b>	274, 335, 375, 601
<b>Classification code</b>	M6

### ADR

<b>14.1 UN number or ID number</b>	3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>14.3 Transport hazard class(es)</b>	9
<b>Labels</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris (N-hydroxy-N- nitrosophenylaminato-O,O') aluminium, Cyclohexyl phenyl ketone), 9, III
<b>14.5 Environmental hazards</b>	Yes
<b>14.6 Special Provisions</b>	274, 335, 601, 375
<b>Classification code</b>	M6
<b>Tunnel restriction code</b>	(-)

### IATA

<b>14.1 UN number or ID number</b>	UN3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packing group</b>	III
<b>Description</b>	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tris (N-hydroxy-N- nitrosophenylaminato-O,O') aluminium, Cyclohexyl phenyl ketone), 9, III

**14.5 Environmental hazards**

Yes

**14.6 Special Provisions**

A97, A158, A197

**ERG Code**

9L



## 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 57-55-6	RG 84	-
Acrylic acid, 2-hydroxyethyl ester 818-61-1	RG 65	-
4-Methoxyphenol/ Mequinol 150-76-5	RG 65	-
Heptane 142-82-5	RG 84	-

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

**Persistent Organic Pollutants**

Not applicable

**Dangerous substance category per Seveso Directive (2012/18/EU)**

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

**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  
 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  
 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) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation

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
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration toxicity	Calculation method
Ozone	Calculation method

Revision Date

26-Sep-2021

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

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End of Safety Data Sheet