

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 2.03

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

1.1. Product identifier

Product Code(s) SDS-06160 EN E

Product Name Support, SUP707™

PN (Part Number) OBJ-03322

Denmark

PR No N/A

Chemical name Acrylic formulation

Pure substance/mixture Mixture

1.2. Relevant identified uses of the 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

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Ireland +353 (0)1 809 2166 – public poisons information line Italy Poison Centre, Milan (IT): +39 02 6610 1029

Latvia 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)

NorwayPoisons Information (NO): + 47 22 591300PortugalPoison Information Centre (PT): +351 808 250 250SlovakiaPoison Information Service (SK): +421 911 166066SpainPoison 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

Acute toxicity - Oral	Category 4 - (H302)
Serious eye damage/eye irritation	Category 1 - (H318)
Skin sensitisation	Category 1A - (H317)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)

2.2. Label elements

Contains 4-(1-Oxo-2-propenyl)-morpholine, Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide



Signal word Danger

Hazard statements

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H373 - May cause damage to organs through prolonged or repeated exposure

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

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Chemical name	EC No	CAS No	Index no.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Proprietary	No information available	-	-	30- 50	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Skin Sens. 1 (H317) STOT RE 2 (H373)	01-0000016491-73-XXX X
Proprietary	No information available	=	=	0.1 - 0.3	Skin Sens. 1A (H317) Aquatic Chronic 4 (H413)	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 Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required.

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 Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. 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

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 cont

chemical

Product is or contains a sensitiser. May cause sensitisation by skin contact.

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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. 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.

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

place into a container for later disposal. Following product recovery, flush area with water.

Methods for cleaning upTake 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

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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
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
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
		STEL: 500 ppm		STEL: 500 ppm	
				STEL: 2100 mg/m ³	
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Heptane	TWA: 500 ppm	TWA: 400 ppm	STEL: 2000 mg/m ³	TWA: 200 ppm	TWA: 500 ppm
142-82-5	TWA: 2000 mg/m ³	TWA: 1600 mg/m ³	TWA: 1200 mg/m ³	TWA: 800 mg/m ³	TWA: 2085 mg/m ³
	STEL 2000 ppm	STEL: 400 ppm		TWA: 40 ppm	STEL: 1500 ppm
	STEL 8000 mg/m ³	STEL: 1600 mg/m ³		TWA: 275 mg/m ³	STEL: 6255 mg/m ³
				STEL: 250 ppm	
				STEL: 1000 mg/m ³	
				STEL: 60 ppm	
				STEL: 343.75	
				mg/m³	

Chemical name	Sweden	Slovakia			
Heptane	NGV: 200 ppm	TWA: 500 ppm	=	-	-
142-82-5	NGV: 800 mg/m ³	TWA: 2085 mg/m ³			
	NGV: 350 mg/m ³				
	Vägledande KGV:				
	300 ppm				
	Vägledande KGV:				
	1200 mg/m ³				

Derived No Effect Level (DNEL) No information available.

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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.

Skin and body protection Wear suitable protective clothing.

No protective equipment is needed under normal use conditions. If exposure limits are Respiratory protection

exceeded or irritation is experienced, ventilation and evacuation may be required.

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do **General hygiene considerations**

not eat, drink or smoke when using this product.

No information available. **Environmental exposure controls**

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Liquid **Appearance** Ink cartridge Odour Characteristic

Colour clear

No information available **Odour threshold**

Remarks • Method Property Values

Hq N/A

No data available Melting point / freezing point None known Boiling point / boiling range No data available None known

Flash point >= 100 - < 250 °C

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 Vapour pressure None known Vapour density No data available None known Relative density 1.12 g/cm3

Water solubility Soluble in water

Solubility(ies) No data available None known No data available Partition coefficient None known No data available Autoignition temperature None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

No information available **Explosive properties Oxidising properties** No information available

9.2. Other information

Softening point No information available Molecular weight No information available No information available **VOC Content (%)** No information available **Liquid Density**

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No information available **Bulk density 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

Decomposes on exposure to light. Unstable if heated. Stability

Explosion data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge

10.3. Possibility of hazardous reactions

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 Specific test data for the substance or mixture is not available.

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 irritation. May cause sensitisation by skin contact. Repeated or prolonged skin

contact may cause allergic reactions with susceptible persons. (based on components).

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Harmful if Ingestion

swallowed. (based on components).

Information on toxicological effects

Redness. Burning. May cause blindness. Itching. Rashes. Hives. **Symptoms**

Numerical measures of toxicity

Acute toxicity

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

ATEmix (oral) 1,597.40 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary	= 588 mg/kg (rat)	> 2000 mg/kg (rat)	= 5.28 mg/l (rat)
Proprietary	> 2000 mg/kg > 2000 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 May cause skin irritation. Classification based on data available for ingredients.

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 toxicitySTOT - single exposure
No information available.
No information available.

STOT - repeated exposureClassification based on data available for ingredients.

Aspiration hazard No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

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

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Proprietary	120 mg/l (algae)	-	-	120 mg/kg (daphnia)
Proprietary	-	90: 96 h Danio rerio µg/L	-	-
		LC50 semi-static		
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

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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	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None

14.7 Transport in bulk according to No information available

Annex II of MARPOL 73/78 and the

IBC Code

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

<u>ADR</u>

14.1	UN number or ID number	Not regulated
14.2	UN proper shipping name	Not regulated
14.3	Transport hazard class(es)	Not regulated
14.4	Packing group	Not regulated
14.5	Environmental hazards	Not applicable
440	On a stat Dunastatana	N1

14.6 Special Provisions None

IATA

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14.1 UN number or ID numberNot regulated14.2 UN proper shipping nameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable14.6 Special ProvisionsNone

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
Heptane	RG 84	-
142-82-5		

Germany

Water hazard class (WGK) hazardous to water (WGK 2)

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)

П	Chemical name	Restricted substance per REACH	Substance subject to authorisation per
ı		Annex XVII	REACH Annex XIV
Ι	Proprietary -	75.	
Γ	Proprietary -	75.	
Γ	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

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H336 - May cause drowsiness or dizziness

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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

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
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

Disclaimer

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End of Safety Data Sheet

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