1 Identification of the mixture and of the company

Identification of the mixture: **FUSIA DC905**
Relevant identified uses of the mixture: Material for DigitalWax series stereolithography systems
Details of the supplier of the Safety Data Sheet:
DWS S.R.L. Via della meccanica 21 36016 Thiene – Vicenza – Italy
Tel. +39-0445810810 E-mail: support@dwssystems.com
Emergency telephone number:
+39-0445810810 Opening hours: 8:00-18:00 (GMT+2)

2 Hazards identification

Classification of the mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2,	H315
Eye Irrit. 2,	H319
Skin Sens. 1,	H317

Label elements
Labelling according to Regulation (EC) No 1272/2008[CLP]

Hazard pictograms:

Signal word: **Warning**

Hazard statements:	H315	Causes skin irritation
	H319	Causes serious eye irritation
	H317	May cause an allergic skin reaction
Precautionary statements:	P280	Wear protective gloves/protective clothings/eye protection/face protection

3 Composition / information on ingredients

Description of the mixture: Mixture of multi-functional acrylic monomers

Hazardous ingredients:

Name	CAS-No	%[weight]	Classification according to Regulation (EC) No 1278/2008 (CLP)
Ester of Acrylic Acid	proprietary	70-99	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

4 First aid measures

General advise: Remove contaminated clothing.
If inhaled: Move affected person to fresh air.
If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: get medical attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, If eye irritation consists: get medical attention.
If swallowed: Rinse mouth. Do not induce vomiting.

5 Fire fighting measures

Suitable extinguishing media: Dry chemical, chemical foam, water.
Hazardous Combustion products: Carbon monoxide, carbon dioxide and nitrogen oxides.
Fire fighting advice: Wear full protective clothing including helmet and facemask.

6 Accidental release measures

Use appropriate Personal Protective Equipment during clean up.
Remove source of heat, sparks, flame, impact, friction or electricity. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material.
Liquid solidifies when exposed to sunlight or another ultraviolet light source. Solidify waste material before disposal.

7 Handling and storage

Handling: Prevent skin and eye contact. Wash thoroughly after handling.
Storage: Keep container tightly closed and in a cool place. Do not store or consume food, drink or smoke in areas where they may become contaminated with this material.

8 Exposure controls and Personal protection

Generally Applicable Control Measure and Precautions:
No exposure limits have been established for this mixture.
Personal Protection Equipment:
Use only with adequate ventilation. Wearing safety glasses is needed as part of good industrial hygiene work practices. Wear impervious gloves to avoid skin contact when handling the liquid resin. Once the liquid material has been exposed to ultraviolet light and thermally treated in accordance with specified methods, it becomes a solidified mass. Contact with the solidified material is not likely to be hazardous.

9 Physical and chemical properties

Appearance:	red liquid	**Odour:**	slight acrylic
pH:	NA	**Melting point:**	<-18°C
Initial boiling point:	NA	**Flash point:**	> 200°C
Evaporation rate:	NA	**Flammability:**	NA
Upper/Lower flammability:	NA	**Vapour pressure:**	NA
Vapor density:	NA	**Specific gravity:**	1.1 at 25°C
Water solubility:	slight	**Partition coefficient:**	NA
Auto-ignition temperature:	NA	**DecompositionTemperature:**	NA
Viscosity :	400-800 mPa·s at 25°C		

10 Stability and reactivity

Instability: Exposure to white light, ultraviolet light or excessive heat will cause the product to solidify.
Incompatibility: Incompatible with strong oxidizers, acids or bases.
Decomposition: Strong acids or bases may cause hydrolysis.
Polymerization: Polymerization can occur. Conditions leading to polymerization are exposure to light or heat.

11 Toxicological information

Acute toxicity:	Oral:	no data available
	Inhalation:	no data available
	Dermal:	no data available
Irritation/Corrosion:	Skin:	irritating
	Eye:	irritating
Sensitisation:	Skin:	causes sensitization

12 Ecological information

Toxicity:	**Fish:**	no data available
	Crustacea:	no data available
	Aquatic plants:	no data available
	Other organisms:	no data available
Persistance and degradability:		no data available
Bioaccumulative potential:		no data available
Mobility in soil:		no data available
Results of PBT and vPvB assessment:		no data available

13 Disposal considerations

Do not contaminate drains, soil or surface waters with the material or its container.
Avoid disposal. Attempt to utilize product completely.
Dispose of in compliance with all applicable regulations. Prior to disposal of unused material, consult an approved waste disposal operative to ensure regulatory compliance.

14 Transport information

Keep container under the condition of 5-40°C while transporting.
IATA Information: Not regulated as a dangerous good.
IMDG Information: Not regulated as a hazardous material.
ADR Information: Not regulated as a hazardous material.
RID Information: Not regulated as a hazardous material.

15 Regulatory information

All components are listed or exempt from listing on the EINECS inventories.

16 Other information

Key

ADR/RID = European Agreement of Dangerous Goods by Road/Rail
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
EINECS = European Inventory of Existing Commercial Chemical Substances

SDS information

SDS number : D-283
Date issued: September 9, 2021
Date revised:
Revision summary: Classification updated

Disclaimer : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. DWS S.r.l. shall not be held liable for any damage resulting from handling or from contact with the product.