

**1 Identification of the mixture and of the company**

**Identification of the mixture:** INVICTA AB001  
**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@dwssystem.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, Eye Irrit. 2, Skin Sens. 1,	H315 H319 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**

<b>Appearance:</b>	white opaque liquid	<b>Odour:</b>	slight acrylic
<b>pH:</b>	NA	<b>Melting point:</b>	<-18°C
<b>Initial boiling point:</b>	NA	<b>Flash point:</b>	> 200°C
<b>Evaporation rate:</b>	NA	<b>Flammability:</b>	NA
<b>Upper/Lower flammability:</b>	NA	<b>Vapour pressure:</b>	NA
<b>Vapor density:</b>	NA	<b>Specific gravity:</b>	1.1 at 25°C
<b>Water solubility:</b>	slight	<b>Partition coefficient:</b>	NA
<b>Auto-ignition temperature:</b>	NA	<b>Decomposition Temperature:</b>	NA
<b>Viscosity :</b>	600-800 mPa·s at 25°C		

**10 Stability and reactivity**

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

**11 Toxicological information**

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

**12 Ecological information**

<b>Toxicity:</b>	<b>Fish:</b>	no data available
	<b>Crustacea:</b>	no data available
	<b>Aquatic plants:</b>	no data available
	<b>Other organisms:</b>	no data available
<b>Persistence and degradability:</b>		no data available
<b>Bioaccumulative potential:</b>		no data available
<b>Mobility in soil:</b>		no data available
<b>Results of PBT and vPvB assessment:</b>		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 5-30°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-253  
 Date issued: July 29, 2014  
 Date revised: May 14, 2021  
 Revision summary: Classification updated, product name 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.