

**Safety data sheet**  
**Regulation (EC) 1907/2006 and 1272/2008**

Printing date: 10.07.2024

Version number: 1

Revision date: 08.07.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Trade name: COLDESI UV DTF A/B FILM
- Product code: UV-FILM-24AB - 'A' film specific

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

- Application of the substance / the mixture: For printing

**1.3 Details of the supplier of the safety data sheet**

- Distributor / Supplier: Colman & Company / ColDesi, Inc.
- Address: 12198 44th Street North  
Clearwater, FL 33762  
Country: United States of America

- Phone number: 1-800-891-1094
- Email: customerservice@colmanandcompany.com

- Only Representative / other EU contact point: Not available

**1.4 Emergency telephone number:**

- In case of emergency, contact CHEMTREC, in US or Canada, call 800-424-9300.
- Outside of US or Canada, call 703-527-3887

- 1.5 Reference Number: CANEC24014735901, SZP24-029857

**-1.6 Remark:**

This product is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for applicant's reference only.

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.  
 Eye Dam. 1 H318 Causes serious eye damage.



GHS07 irritation

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

**Information concerning particular hazards for human and environment:**

- The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.

**Classification system:**

- The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

**2.2 Label elements**

- Labelling according to Regulation (EC) No. 1272/2008  
The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**

GHS05 GHS07

· **Signal word** Danger· **Hazard-determining components of labelling:**

acrylic acid

Ethyl acetate

· **Hazard statements**

H314 Causes severe skin burns and eye damage.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

· **Precautionary statements**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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/doctor.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards:**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable· **vPvB:** Not applicable· **Determination of endocrine-disrupting properties** Not applicable**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Description:**

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to section 16.

· **Composition:**

CAS: 25038-59-9	Poly(oxy-1,2-ethanedioxyloxycarbonyl-1,4-phenylenecarbonyl)	52.05%
CAS: 79-10-7	acrylic acid	21.46%
EINECS: 201-177-9	Flam. Liq. 3, H226;  Skin Corr. 1A, H314;  Aquatic Acute	
Index number: 607-061-00-8	1, H400;  Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	
	Note: D	
	Specific concentration limit: STOT SE 3; H335: C ≥ 1 %	
	Substance with a Union workplace exposure limit	
CAS: 141-78-6	Ethyl acetate	21.46%
EINECS: 205-500-4	Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336,	
Index number: 607-022-00-5	EUH066	
	Substance with a Union workplace exposure limit	
CAS: 9003-56-9	2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene	4.29%
CAS: 68083-19-2	Dimethyl polysiloxane (vinyl terminated)	0.70%

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CAS: 60676-86-0 EINECS: 262-373-8	Silica, vitreous Substance with a Union workplace exposure limit	0.03%
CAS: 29736-75-2 EINECS: 249-820-2	2,5,7,10,11,14-hexaoxa-1,6-distibabicyclo[4.4.4]tetradecane ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	0.01%

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General description:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub> powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture:**  
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures:**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Use neutralising agent.  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling:**  
Thorough dedusting.  
Ensure good ventilation/exhaustion at the workplace.  
For the general occupational hygienic measures refer to Section 8.

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- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s):** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

###### CAS: 79-10-7 acrylic acid (21.46%)

IOELV (EU)	Short-term value: 59* mg/m <sup>3</sup> , 20* ppm Long-term value: 29 mg/m <sup>3</sup> , 10 ppm *reference period of 1 minute
AGW (Germany)	Long-term value: 30 mg/m <sup>3</sup> , 10 ppm 1(I);DFG, Y
VLEP (France)	Short-term value: 59 mg/m <sup>3</sup> , 20 ppm Long-term value: 29 mg/m <sup>3</sup> , 10 ppm période de référence: 1 minute
OEL (Ireland)	Short-term value: 59* mg/m <sup>3</sup> , 20* ppm Long-term value: 29 mg/m <sup>3</sup> , 10 ppm IOELV, *1-minute reference period

###### CAS: 141-78-6 Ethyl acetate (21.46%)

IOELV (EU)	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm
AGW (Germany)	Long-term value: 730 mg/m <sup>3</sup> , 200 ppm 2(I);DFG, EU, Y
VLEP (France)	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm
OEL (Ireland)	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm IOELV

###### CAS: 60676-86-0 Silica, vitreous (0.03%)

AGW (Germany)	Long-term value: 0.3 A mg/m <sup>3</sup> DFG, Y
OEL (Ireland)	Long-term value: 0.08 mg/m <sup>3</sup> fused respirable dust

##### Regulatory information

- IOELV (EU): (EU) 2019/1831
- AGW (Germany): TRGS 900
- VLEP (France): ED 1487 05.2021
- OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work
- **DNELs:** Not available
- **PNECs:** Not available

· **Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

##### Appropriate engineering controls:

Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes.  
 Avoid contact with the eyes and skin.  
 See Section 7 for information about design of technical facilities.

· **Individual protection measures, such as personal protective equipment**

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Hand protection:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eyeface protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

· **Thermal hazards:** Not required for normal conditions of use.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· <b>Physical state:</b>	Solid
· <b>Colour:</b>	Transparent color
· <b>Odour:</b>	Not have
· <b>Odour threshold:</b>	Not available
· <b>Melting point/Freezing point:</b>	Not available
· <b>Boiling point or initial boiling point and boiling range:</b>	Not available
· <b>Flammability:</b>	Not available
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not available
· <b>Upper:</b>	Not available
· <b>Flash point:</b>	Not available
· <b>Auto-ignition temperature:</b>	Not available
· <b>Decomposition temperature:</b>	Not available

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· pH:	Not available
· Viscosity	
· Kinematic viscosity:	Not available
· Dynamic viscosity:	Not available
· Solubility	
· Water:	Not available
· Partition coefficient n-octanol/water (log value):	Not available
· Vapour pressure:	Not available
· Density and/or relative density	
· Density:	Not available
· Relative density:	Not available
· Relative vapour density:	Not available
· Particle characteristics:	Not available

## · 9.2 Other information

· Appearance

· Form:

Solid

## · Information with regard to physical hazard classes

· Explosives:	Not applicable
· Flammable gases:	Not applicable
· Aerosols:	Not applicable
· Oxidising gases:	Not applicable
· Gases under pressure:	Not applicable
· Flammable liquids:	Not applicable
· Flammable solids:	Not applicable
· Self-reactive substances and mixtures:	Not applicable
· Pyrophoric liquids:	Not applicable
· Pyrophoric solids:	Not applicable
· Self-heating substances and mixtures:	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water:	Not applicable
· Oxidising liquids:	Not applicable
· Oxidising solids:	Not applicable
· Organic peroxides:	Not applicable
· Corrosive to metals:	Not applicable
· Desensitised explosives:	Not applicable
· Other safety characteristics:	Not available

## SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.
- 10.2 Chemical stability: No further relevant information available.
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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### SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

· **Acute toxicity**

· **LD/LC50 values relevant for classification:**

CAS: 25038-59-9 Poly(oxy-1,2-ethanedioylloxycarbonyl-1,4-phenylenecarbonyl)

Oral LD50 >5,000 mg/kg (rat)

CAS: 141-78-6 Ethyl acetate

Oral LD50 5,620 mg/kg (rabbit)

- **Skin corrosion/irritation:** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation:** Causes serious eye damage.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties:**

None of the ingredients is listed.

- **Other information:** No further relevant information available.

### SECTION 12: Ecological information

· **12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability:** No further relevant information available.

- **12.3 Bioaccumulative potential:** No further relevant information available.

- **12.4 Mobility in soil:** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

· **12.6 Endocrine disrupting properties:**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects:** No further relevant information available.

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

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**SECTION 14: Transport information**

· 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA	UN1759
· 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA	CORROSIVE SOLID, N.O.S. (acrylic acid)
· 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA	
	
· Class · Label	8 Corrosive substances. 8
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	I
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user: · Hazard identification number (Kemler code): · EMS Number: · Segregation groups · Stowage Category	Warning: Corrosive substances. 88 F-A, S-B (SGG1) Acids B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· 14.8 Transport/Additional information:	
· ADR/RID/ADN · Limited quantities (LQ): · Excepted quantities (EQ)	0 Code: E0 Not permitted as Excepted Quantity
· Transport category: · Tunnel restriction code:	1 E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	0 Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1759 CORROSIVE SOLID, N.O.S. (ACRYLIC ACID), 8, I

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category Not applicable
- Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicable
- Qualifying quantity (tonnes) for the application of upper-tier requirements Not applicable
- REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

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· **Regulation (EU) No 649/2012**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone-depleting potential)**

None of the ingredients is listed.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (23/1/2024)**

None of the ingredients is listed

· **REACH Regulation Annex XVII Restriction (25/9/2023)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

· **REACH Regulation Annex XIV Authorisation List (13/11/2023)**

None of the ingredients is listed

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

· **Recommended restriction of use** Not applicable

· **Relevant hazard statements**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Classification according to Regulation (EC) No. 1272/2008**

Skin corrosion/irritation

Serious eye damage/irritation

Specific target organ toxicity (single exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No. 1272/2008.

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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

DISCLAIMER OF LIABILITY

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**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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