

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** **F 600 GLOSS** **5KG**
- **Article number:** 12126D03
- **Application of the substance / the preparation:** Dispersion varnish for offset printing
- **Manufacturer/Supplier:**
 FUJIFILM Europe NV
 EUROPARK-NOORD 21-22
 9100 SINT-NIKLAAS
 BELGIUM
 TEL: +32 3 760 02 00
 FAX: +32 3 776 91 22
- **Further information obtainable from:** productsafety@fujifilm.eu
- **Information in case of emergency:** +32 3 760 02 00

2 Hazards identification

- **Hazard description:**








Xi Irritant

- **Information concerning particular hazards for human and environment:**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 R 36 Irritating to eyes.
- **Classification system:**
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 107-21-1 EINECS: 203-473-3	ethanediol	 Xn; R 22	10-20%
CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol	 Xi; R 36	10-20%
CAS: 577-11-7 EINECS: 209-406-4	sodiumdioctylsulfosuccinate	 Xi; R 38-41	1-5%
CAS: 1336-21-6 EINECS: 215-647-6	ammonia	 C,  N; R 34-50	1-5%
CAS: 34590-94-8 EINECS: 252-104-2	(2-methoxymethylethoxy)propanol		0.5-1.5%

(Cont. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

Trade name: F 600 GLOSS 5KG

(Cont. from page 1)

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 12

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**

107-21-1 ethanediol

WEL	Short-term value: 104** mg/m ³ , 40** ppm Long-term value: 10* 52** mg/m ³ , 20** ppm Sk *particulate **vapour
-----	--

(Cont. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

Trade name: F 600 GLOSS 5KG

(Cont. from page 2)

112-34-5 2-(2-butoxyethoxy)ethanol

WEL	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm
-----	--

34590-94-8 (2-methoxymethylethoxy)propanol

WEL	Long-term value: 308 mg/m ³ , 50 ppm Sk
-----	---

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed.
 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.
- **Respiratory protection:** Not required.
- **Protection of hands:**
 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.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

General Information

Form:	Liquid
Colour:	Light beige
Odour:	Mild

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C

(Cont. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

Trade name: F 600 GLOSS 5KG

(Cont. from page 3)

· Flash point:	Not applicable.
· Danger of explosion:	Product does not present an explosion hazard.
· Density at 20°C:	1.03 g/cm ³
· Solubility in / Miscibility with water:	Dispersible.
· pH-value at 20°C:	7.7
· Solvent content: VOC (EC)	31.78 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

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

107-21-1 ethanediol

Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	9530 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

GB

(Cont. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

Trade name: F 600 GLOSS 5KG

(Cont. from page 4)

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

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

14 Transport information

- **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

15 Regulatory information

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**

36 Irritating to eyes.

- **Safety phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

GB

(Cont. on page 6)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.09.2010

Revision: 21.09.2010

Trade name: F 600 GLOSS	5KG
--------------------------------	------------

(Cont. from page 5)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

22 Harmful if swallowed.

34 Causes burns.

36 Irritating to eyes.

38 Irritating to skin.

41 Risk of serious damage to eyes.

50 Very toxic to aquatic organisms.

· **Creation Date** 04.09.2009

· * **Data modified compared to previous version.**

GB