

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

**1.1 Product identifier**

\*Commercial Product Name **FQ 3611 SOFTTOUCH FOLCO FOAMCOAT FQ**

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

Relevant identified uses **printing ink**

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

Address **Follmann & Co  
 Postfach 12 63  
 D-32372 Minden  
 Telephone: +49 (571) 93 39 -0  
 FAX: +49 (571) 93 39 -300**

Contact person **Environmental Department**

Responsible Department **Environmental Department +49 (571) 9339-176**

E-mail (competent person) **sicherheitsdatenblatt@follmann.de**

**1.4 Emergency telephone number**

Emergency telephone number **Outside USA: -001 703 527 3887 (D813)**

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

\*Classification according to Directive 67/548/EEC / 1999/45/EEC **This product is not classified as dangerous according to 67/548/EEC.**

**2.2 Label elements**

\*Labelling (67/548/EEC or 1999/45/EC) **The product does not have to be labelled according to guideline 67/548/EEC.**

**SECTION 3: Composition/information on ingredients**

**3.2 Mixture**

Chemical characterization **acrylate-polyurethane-dispersion**

**Hazardous ingredients**

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
2,2'-Oxydiethanol	CAS No.: 111-46-6 111-46-6 EC-No.: 203-872-2 Index-No.: 603-140-00-6 REACH No.: 01-2119457857-21-xxxx	Xn; R22 Acute Tox. 4; H302 STOT RE 2; H373	5.0 - 10.0 % by weight
N-Ethylmorpholine	CAS No.: 100-74-3 EC-No.: 202-885-0	R10 C; R34 Xn; R21/22 Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H311 Skin Corr. 1B; H314	1.0 - 5.0 % by weight
and isobutane	CAS No.: 75-28-5 EC-No.: 200-857-2 Index-No.: 601-004-00-0	F+; R12 Flam. Gas 1; H220 Press. Gas; H220	1.0 - 5.0 % by weight

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

General advice	Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.
In case of skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, seek medical advice/attention.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Suitable extinguishing media	Carbon dioxide (CO <sub>2</sub> ), Foam, Water spray, Dry powder
Extinguishing media which must not be used for safety reasons	High volume water jet

### **5.2 Special hazards arising from the substance or mixture**

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.
---	--

### **5.3 Advice for firefighters**

Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus.
Additional information on firefighting	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses. The product itself does not burn.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions	Use personal protective equipment.
----------------------	------------------------------------

### **6.2 Environmental precautions**

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
---------------------------	--

### **6.3 Methods and material for containment and cleaning up**

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly.
-------------------------	---

### **6.5 Additional information**

Other information	Treat recovered material as described in the section "Disposal considerations".
-------------------	---

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Advice on safe handling	Handle and open container with care. Avoid contact with skin and eyes.
Precautions	Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.
Advice on protection against fire and explosion	No special protective measures against fire required.

### **7.2 Conditions for safe storage, including any incompatibilities**

Storage space and container requirements	Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage specifications	Protect from frost.
*TRGS 510	10
Recommended storage temperature	5 – 25 °C

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **8.2 Exposure controls**

Respiratory protection	Note: Should no job-related limit values are indicated, the product, which a monitoring exposure limit is allocated, do not contains ingredients in relevant concentrations. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
Hand protection	Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.  Suitable material: Nitriles Unsuitable material: woven fabric, Leather gloves
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment. Long sleeved clothing
General protective and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.

## **SECTION 9: Physical and chemical properties**

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

*Physical state	liquid
Form	Liquid
Colour	white
Odour	characteristic

## Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: FQ 3611 SOFTTOUCH FOLCO FOAMCOAT FQ

Article-No.: 15290-114

Revision Date: 28.01.2013

Version: 2/en

**FOLMANN&CO**

Replaces version from: 14.08.2012

Print date: 18.11.2014

Melting point [°C] / Freezing point [°C]	appr. 0 °C
Boiling point [°C]	appr. 100 °C
Evaporation rate [kg/(s*m²)]	not determined
Vapour pressure [kPa]	123 hPa
Temperature:	50 °C
Vapour density	not determined
Density [g/cm³]	appr. 1,05 – 1,15 g/cm³
Water solubility [g/l]	
Remarks:	miscible
Partition coefficient n-octanol /water (log P O/W)	not determined
Autoignition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	approx. 20 – 30 dPa*s
Temperature:	20 °C
Measuring method:	Haake-Viscotester
Explosive properties	Not relevant
Oxidising properties	Not relevant

### **SECTION 10: Stability and reactivity**

#### **10.4 Conditions to avoid**

Conditions to avoid                      None under normal processing.

### **SECTION 11: Toxicological information**

#### **11.1 Information on toxicological effects**

#### **11.2 Additional information**

Other information (chapter 11.)              No toxicology information is available.

### **SECTION 12: Ecological information**

#### **12.1 Toxicity**

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

Results of PBT characteristics determination      This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

#### **12.6 Other adverse effects**

Further information on ecology              We have no quantitative data concerning the ecological effects of this product.

### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

Disposal considerations                      According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code                                      08 01 12: waste paint and varnish other than those mentioned in 08 01 11

# Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: FQ 3611 SOFTTOUCH FOLCO FOAMCOAT FQ

Article-No.: 15290-114

Revision Date: 28.01.2013

Version: 2/en

**FOLMANN&CO**

Replaces version from: 14.08.2012

Print date: 18.11.2014

08 03 13: waste ink other than those mentioned in 08 03 12

Uncleaned empty packaging

-  
-

## SECTION 14: Transport information

	*Land transport ADR/RID	*Marine transport IMDG	Air transport ICAO/IATA
14.2 Description of the goods	Non dangerous good	Kein Gefahrgut nach IMDG	Kein Gefahrgut nach IATA
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations Additionally, observe any national regulations!

## SECTION 16: Other information

Relevant R-phrases

R10: Flammable.  
R12: Extremely flammable.  
R21/22: Harmful in contact with skin and if swallowed.  
R22: Harmful if swallowed.  
R34: Causes burns.

Relevant H-phrases

H220: Extremely flammable gas.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H311: Toxic in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H373: May cause damage to organs through prolonged or repeated exposure .

Wording of the hazard classes

Acute Tox.: Acute toxicity  
STOT RE: Specific target organ toxicity – repeated exposure  
Flam. Liq.: Flammable liquid  
Skin Corr.: Skin corrosion  
Flam. Gas: Flammable gas  
Press. Gas: Gases under pressure

\*Modifications since last version

Modifications of the previous version are denoted with an asterisk (\*).

Department issuing safety data sheet

Environmental Department

Further information

Full text of R-phrases referred to under sections 2 and 3

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.