SBIANCA FUGHE		
57107001 Revision: 13 / EN	Page 1 of 13	Date of print: 04/06/2018 Date of review: 10/02/2017
	Safety data sheet	
SECTION 1. Identification of the subs	stance/mixture and of the compa	iny/undertaking.
<b>1.1. Product identifier.</b> Code: Product name.	57107001 SBIANCA FUGHE	
1.2. Relevant identified uses of the substance or mIntended use.Acrylic finishing.Uses advised againstThis product is not re	nixture and uses advised against. ecommended for all those uses not specifica	lly identified on the label.
<b>1.3. Details of the supplier of the safety data sheet.</b> Name. Full address. District and Country.	Saratoga Int. Sforza SpA Via Edison 76 20090 Trezzano s/Naviglio (MI) ITALY	
	Tel. +39-0131-791366	
e-mail address of the competent person.	Fax. +39-0131-773782	
responsible for the Safety Data Sheet.	trading@saratogasforza.com	
<b>1.4. Emergency telephone number.</b> For urgent inquiries refer to.	SARATOGA INT. SFORZA SPA +39 02 445731 from Monday to Friday (h.09:00-13:00 / 14:00-	

# **SECTION 2. Hazards identification.**

# 2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments. Hazard classification and indication:

# 2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

SBIANCA FUGHE 57107001 Revision: 13 / EN	Pag	e 2 of 13	Date of print: Date of review:	
Hazard pictograms:				
Signal words:				
Hazard statements:				
EUH208	Contains: 4,5-dichloro-2-octyl-2H-isothyazol-3-one (Fur	ıgHalt)		
	May produce an allergic reaction.			
	This biocide protects the sealant from fungal	attack.		
Precautionary statements:				
P101 P102	If medical advice is needed, have product con Keep out of reach of children.	ntainer or label at hand.		
2.3. Other hazards.				
On the basis of available da	ta, the product does not contain any PBT or vf	<sup>2</sup> vB in percentage greater than 0,1%.		
SECTION 2 Com	position/information on ingredie	nte		
SECTION 5. COM		1115.		
3.2. Mixtures.				
J.Z. MIXIULES.				
Contains:				
The full wording of hazard ( Identification.	H) phrases is given in section 16 of the sheet.	Classification 1272/2008 (CLP).		
2-(2-BUTOXYETHOXY)E				
CAS. 112-34-5	1 ≤ x < 5	Eye Irrit. 2 H319		
EC. 203-961-6 INDEX. 603-096-00-8				
Reg. no. 01-2119475104	1.4.4			
4,5-dichloro-2-octyl-2H-is				
CAS. 64359-81-5	0 ≤ x < 0,025	Acute Tox. 2 H330, Acute Tox. 4 H302, Acute Tox. 4 H312, Skin Corr. 1C H314, STOT SE 3 H335, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1		
EC. 264-843-8				
INDEX				
<b>SECTION 4. First</b>	aid measures.			

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 3 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

#### 4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed.

Specific information on symptoms and effects caused by the product are unknown. For symptoms and effects caused by the contained substances, see chap. 11.

#### 4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

# **SECTION 5. Firefighting measures.**

#### 5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

#### 5.3. Advice for firefighters.

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

# **SECTION 6.** Accidental release measures.

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 4 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

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

#### Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

# **SECTION 7. Handling and storage.**

#### 7.1. Precautions for safe handling.

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Storage class TRGS 510 (Germany): 10

#### 7.3. Specific end use(s).

Information not available.

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

8.1. Control parameters.

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 5 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en
		España 2015
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9
		Φεβρουαρίου 2012
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia
		16 grudnia 2011r
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC;
		Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2016

#### 2-(2-BUTOXYETHOXY)ETHANOL

2-(2-BUTOXYETHOXY)ETH	HANOL							
Threshold Limit Value. Type	Country	TWA/8h		STEL/15min				
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	67	10	100,5	15			
MAK	DEU	67	10	100,5	15			
VLA	ESP	67,5	10	101,2	15			
TLV	GRC	67,5	10	101,2	15			
VLEP	ITA	67,5	10	101,2	15			
NDS	POL	67		100				
OEL	EU	67,5	10	101,2	15			
TLV-ACGIH		66	10					
Predicted no-effect concentration	n - PNEC.							
Normal value in fresh water Normal value in marine water Normal value for fresh water se Normal value for marine water se Normal value for water, intermit Normal value of STP microorga Normal value for the food chain Normal value for the terrestrial of	ediment tent release nisms (secondary poisor	ing)		1 1 4 39 200 56 4		mg/l mg/kg mg/kg mg/kg mg/l mg/kg mg/kg	3	
Health - Derived no-effect	level - DNEL / Effects on	DMEL			Effects on			
Route of exposure	consumers. Acute local	Acute systemic	Chronic local	Chronic systemic	workers Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.				1.25 mg/kg bw/d				
Inhalation.	50.6 mg/m3		34 mg/m3	34 mg/m3	101.2 mg/m3		67.5 mg/m3	67.5 mg/m3
Skin.				10 mg/kg bw/d				20 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 6 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

TLV of solvent mixture: 17 mg/m3.

### 8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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

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

SBIANCA FUGHE			Data of print: 04/00/2010
57107001	D	are 7 of 10	Date of print: 04/06/2018
Revision: 13 / EN	P	age 7 of 13	Date of review: 10/02/2017
Solubility	miscible		
Partition coefficient: n-octanol/water	Not available.		
Auto-ignition temperature.	Not available.		
Decomposition temperature.	Not available.		
Viscosity	Not available.		
Explosive properties	Not available.		
Oxidising properties	Not available.		
9.2. Other information.			
Total solids (250°C / 482°F)	68,31 %		
VOC (Directive 2010/75/EC) :	0		
VOC (volatile carbon) :	0		
SECTION 10. Stability and re	eactivity.		

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### 2-(2-BUTOXYETHOXY)ETHANOL

May react with: oxidising substances.May form peroxides with: oxygen.Develops hydrogen on contact with: aluminium.May form explosive mixtures with: air.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

2-(2-BUTOXYETHOXY)ETHANOL Avoid exposure to: air.

10.5. Incompatible materials.

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 8 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

2-(2-BUTOXYETHOXY)ETHANOL Incompatible with: oxidising substances, strong acids, alkaline metals.

10.6. Hazardous decomposition products.

2-(2-BUTOXYETHOXY)ETHANOL May develop: hydrogen.

# **SECTION 11.** Toxicological information.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects.

2-(2-BUTOXYETHOXY)ETHANOLCan be absorbed by inhalation, ingestion and skin contact; it is irritant to the skin and especially to the eyes; spleen damage may occur. Inhalation is unlikely to occur at room temperature due to the low vapour tension of the substance.

ACUTE TOXICITY.

LC50 (Inhalation - vapours) of the mixture:> 20 mg/l LC50 (Inhalation - mists / powders) of the mixture:Not classified (no significant component). LD50 (Oral) of the mixture:Not classified (no significant component). LD50 (Dermal) of the mixture:Not classified (no significant component).

2-(2-BUTOXYETHOXY)ETHANOL LD50 (Oral).3384 mg/kg Rat LD50 (Dermal).2700 mg/kg Rabbit

SKIN CORROSION / IRRITATION. Does not meet the classification criteria for this hazard class. SERIOUS EYE DAMAGE / IRRITATION. Does not meet the classification criteria for this hazard class. RESPIRATORY OR SKIN SENSITISATION. Does not meet the classification criteria for this hazard class. GERM CELL MUTAGENICITY. Does not meet the classification criteria for this hazard class. CARCINOGENICITY. Does not meet the classification criteria for this hazard class. REPRODUCTIVE TOXICITY. Does not meet the classification criteria for this hazard class. STOT - SINGLE EXPOSURE Does not meet the classification criteria for this hazard class. STOT - REPEATED EXPOSURE. Does not meet the classification criteria for this hazard class. ASPIRATION HAZARD Does not meet the classification criteria for this hazard class.

# **SECTION 12. Ecological information.**

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 9 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

2-(2-BUTOXYETHOXY)ETHANOL Solubility in water. 1000 - 10000 mg/l Rapidly biodegradable.

12.3. Bioaccumulative potential.

2-(2-BUTOXYETHOXY)ETHANOL Partition coefficient: noctanol/water.

12.4. Mobility in soil.

Information not available.

# 12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

1

12.6. Other adverse effects.

Information not available.

# **SECTION 13. Disposal considerations.**

#### 13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

# **SECTION 14. Transport information.**

SBIANCA FUGHE	
57107001	
Revision: 13 / FN	

Page 10 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 14.1. UN number.

Not applicable.

14.2. UN proper shipping name.

Not applicable.

#### 14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group.

Not applicable.

#### 14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code.

Information not relevant.

# **SECTION 15. Regulatory information.**

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

Reg.UE 528/2012 amended (Biocide Reg.): The product is a treated article according to the biocides regulation, it contains the substance "4,5-dichloro-2-octyl-2H-isothyazol-3-one" having anti-mold feature. The active substance is currently under review for approval.

	in ac	SAFETY DATA SHEET cordance with Regulation (CE) Num. 1907/2	006
SBIANCA FUGHE 57107001 Revision: 13 / EN		Page 11 of 13	Date of print: 04/06/2018 Date of review: 10/02/2017
Seveso Category - Directive			7/2000
Restrictions relating to the pr	oduct or contained subst	ances pursuant to Annex XVII to EC Regulation 1907	//2006.
Contained substance.			
Point.	55	2-(2- BUTOXYETHOXY)E THANOL Reg. no.: 01-2119475104-44	
Substances in Candidate Lis	t (Art. 59 REACH).		
On the basis of available dat	a, the product does not c	ontain any SVHC in percentage greater than 0,1%.	
Substances subject to autho	risarion (Annex XIV REA	С <u>Н).</u>	
None.			
Substances subject to export	tation reporting pursuant	to (EC) Reg. 649/2012:	
None.			
Substances subject to the Ro	otterdam Convention:		
None.			
Substances subject to the St	ockholm Convention:		
None.			
Healthcare controls.			
Information not available.			
WGK 1: Low hazard to water	rs		
15.2. Chemical safety ass	sessment.		
No chemical safety assessm	ent has been processed	for the mixture and the substances it contains.	

# **SECTION 16.** Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1C	Skin corrosion, category 1C
Eye Irrit. 2	Eye irritation, category 2

#### SBIANCA F 57107001 Revision: 13

SBIANCA FUGHE 57107001		Date of print: 04/06/2018
Revision: 13 / EN	Page 12 of 13	Date of review: 10/02/2017
STOT SE 3	Specific target organ toxicity - single exposure, category 3	
Skin Sens. 1	Skin sensitization, category 1	
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1	
H330	Fatal if inhaled.	
H302	Harmful if swallowed.	
H312	Harmful in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
H317	May cause an allergic skin reaction.	
H400	Very toxic to aquatic life.	

H410 Very toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
- Regulation (EC) 1272/2008 (CLP) of the European Parliament
  Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 of the European Parliament
- Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament

SBIANCA FUGHE 57107001 Revision: 13 / EN

Page 13 of 13

Date of print: 04/06/2018 Date of review: 10/02/2017

9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament

- The Merck Index. - 10th Edition

- Handling Chemical Safety

- INRS - Fiche Toxicologique (toxicological sheet)

- Patty - Industrial Hygiene and Toxicology

- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

- ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified: From 1 to 16.