

## Safety data sheet

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: VID455173S  
Product name: Aqua Protection

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

Intended use: Wall Finishing

Identified Uses	Industrial	Professional	Consumer
wall finishing	-	✓	✓
Uses Advised Against			

#### 1.3. Details of the supplier of the safety data sheet

Name: CROMOLOGY ITALIA SPA  
Full address: Sede Legale: Via IV Novembre, 4  
District and Country: 55016 Porcari LU  
ITALY  
Tel. 199119955 (+39)05832424  
Fax 199119977

e-mail address of the competent person responsible for the Safety Data Sheet: info-sds@cromology.it

Product distribution by: CROMOLOGY ITALIA SPA

#### 1.4. Emergency telephone number

For urgent inquiries refer to Telephone numbers of the main Italian Poison Control Centers (active 24/24 hours):  
Centro Antiveleni di Pavia 0382 24444 (CAV Centro Nazionale di Informazione Tossicologica - Pavia); Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca` Granda - Milano); Centro Antiveleni di Bergamo 800 883300 (CAV Azienda Ospedaliera Papa Giovanni XXII - Bergamo); Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze); Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma); Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma); Centro Antiveleni Pediatrico di Roma 06 68593726 (CAVp Osp. Pediatrico Bambino Gesù- Roma); Centro Antiveleni di Foggia 0881 732326 (Azienda Ospedaliero Universitaria di Foggia); Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli).

For more informations: Cromology Italia SpA 199119955 (+39)05832424  
From Monday to Friday 9:30-12:30 14:00-17:30.

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

#### Hazard classification and indication:

Skin sensitization, category 1A

H317

May cause an allergic skin reaction.

### 2.2. Label elements

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

#### Hazard pictograms:



#### Signal words:

Warning

#### Hazard statements:

**H317**

May cause an allergic skin reaction.

**EUH208**

Contains:

1,2-BENZOISOTIAZOL-3(2H)-ONE

2-OTTIL-2H-ISOTIAZOL-3-ONE

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one. [EC no. 220-239-6]

(3:1)

May produce an allergic reaction.

#### Precautionary statements:

**P101**

If medical advice is needed, have product container or label at hand.

**P102**

Keep out of reach of children.

**P280**

Wear protective gloves / clothing.

**P333+P313**

If skin irritation or rash occurs: Get medical advice / attention.

**P501**

Dispose of contents/container according to local regulation.

#### Contains:

2-METIL-2H-ISOTIAZOL-3-ONE

#### VOC (Directive 2004/42/EC) :

#### Binding primers.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 30 (2010)

VOC of product : 30,00

### 2.3. Other hazards

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

**SECTION 3. Composition/information on ingredients**
**3.1. Substances**

Information not relevant

**3.2. Mixtures**
**Contains:**

Identification	Conc. %	Classification 1272/2008 (CLP)
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**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

CAS	34590-94-8	0,9 - 2
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EC	252-104-2	
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Reg. no.	01-2119450011-60-XXXX	
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Substance with a community workplace exposure limit.

**2-METIL-2H-ISOTIAZOL-3-ONE**

CAS	2682-20-4	0,0015 - 0,1015	Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
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EC	220-239-6	
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**Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one. [EC no. 220-239-6] (3:1)**

CAS	55965-84-9	0,00 - 0,0015	Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071, Note B
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EC	611-341-5	
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INDEX	613-167-00-5	
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**2-OTTIL-2H-ISOTIAZOL-3-ONE**

CAS	26530-20-1	0,00 - 0,05	Acute Tox. 3 H311, Acute Tox. 3 H331, Acute Tox. 4 H302, Skin Corr. 1B H314, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
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EC	247-761-7	
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INDEX	613-112-00-5	
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**3-IODIO-2-PROPILBUTILCARBAMMATO**

CAS	55406-53-6	0,00 - 0,1	Acute Tox. 2 H330, Acute Tox. 4 H302, STOT RE 1 H372, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
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EC	259-627-5	
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INDEX	616-212-00-7	
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**ZINC PYRITHIONE**

CAS	13463-41-7	0,00 - 0,025	Acute Tox. 2 H330, Acute Tox. 3 H301, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=10
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EC	236-671-3	
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Reg. no.	01-2119511196-46-XXXX	
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**1,2-BENZOISOTIAZOL-3(2H)-ONE**

CAS	2634-33-5	0,00 - 0,05	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411
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EC	220-120-9	
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INDEX	613-088-00-6	
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Note: Upper limit is not included into the range

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures**
**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.

#### **SECTION 4. First aid measures** ... / >>

**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.

Information not available

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**

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. 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.

**Aqua Protection**
**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. Wash hands after use.

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

Keep the product in clearly labelled containers. Store the containers sealed, in a well ventilated place, away from direct sunlight.

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

Information not available

**SECTION 8. Exposure controls/personal protection**
**8.1. Control parameters**

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR		
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diaro da Republica I 26; 2012-02-06
ROU	România	Monitorul Oficial al României 44; 2012-01-19
	TLV-ACGIH	ACGIH 2016

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**
**Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
TLV-ACGIH		606	100	909	150	SKIN
MAK	DEU	310	50	310	50	
VLA	ESP	308	50			SKIN
VLEP	FRA	308	50			SKIN
WEL	GBR	308	50			SKIN
TLV	GRC	600	100	900	150	
VLEP	ITA	308	50			SKIN
VLE	PRT	308	50			SKIN
TLV	ROU	308	50			SKIN

Legend:

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

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

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**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 II 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**

Appearance	Liquid
Colour	colourless
Odour	Light, characteristic
Odour threshold	Not available
pH	9,0
Melting point / freezing point	Not available
Initial boiling point	> 100 °C
Boiling range	Not available
Flash point	> 60 °C
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	>1
Relative density	1,080 20°C
Solubility	Not available

**SECTION 9. Physical and chemical properties** ... / >>

Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	13000 mPa.s
Explosive properties	Not available
Oxidising properties	Not available

9.2. Other information  
VOC (Directive 2004/42/EC) : 30,00 g/litre

**SECTION 10. Stability and reactivity**

## 10.1. Reactivity

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

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

May react with: oxidising substances. When heated to decomposition releases: harsh fumes, zinc alloys.

## 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.

## 10.4. Conditions to avoid

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

## 10.5. Incompatible materials

Information not available

## 10.6. Hazardous decomposition products

Information not available

**SECTION 11. Toxicological information****ZINC PYRITHIONE**

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

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:	>2.000 mg/kg

**SECTION 11. Toxicological information** ... / >>

LD50 (Dermal) of the mixture: >2.000 mg/kg

**2-METIL-2H-ISOTIAZOL-3-ONE**

LD50 (Oral) >2.500 mg/kg Rat (OECD 423)

LD50 (Dermal) >2.000 mg/kg Rat (OECD 402)

LC50 (Inhalation) 5,71 mg/l/1h rat (OECD 403)

**3-IODIO-2-PROPINILBUTILCARBAMMATO**

LD50 (Oral) 300 mg/kg rat

LD50 (Dermal) >2.000 mg/kg rat

LC50 (Inhalation) 6,89 mg/l/1h rat

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one. [EC no. 220-239-6]

(3:1)

LD50 (Oral) 66 mg/kg Rat OECD 401

LD50 (Dermal) >141 mg/kg Rat OECD 402

**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**

May produce an allergic reaction.

EUH208 Contains:

1,2-BENZOISOTIAZOL-3(2H)-ONE

2-OTTIL-2H-ISOTIAZOL-3-ONE

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one. [EC no. 220-239-6]

(3:1)

Sensitising for the skin

**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**

Viscosity: 13000 mPa.s



**SECTION 12. Ecological information**

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

## 1,2-BENZOISOTIAZOL-3(2H)-ONE

LC50 - for Fish	1,6 mg/l/96h Oncorhynchus mykiss (OECD 203)
EC50 - for Crustacea	3,27 mg/l/48h Daphnia magna (OECD 202)
EC50 - for Algae / Aquatic Plants	0,11 mg/l/72h Selenastrum capricornutum (OECD 201)

## ZINC PYRITHIONE

LC50 - for Fish	0,15 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	0,05 mg/l/48h Dafnia magna
EC50 - for Algae / Aquatic Plants	0,067 mg/l/72h Selenastrum capricornutum

## 3-IODIO-2-PROPINILBUTILCARBAMMATO

LC50 - for Fish	0,192 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	0,479 mg/l/48h Dafnia magna
EC50 - for Algae / Aquatic Plants	0,097 mg/l/72h Pseudokirchneriella subcapitata

## 2-OTTIL-2H-ISOTIAZOL-3-ONE

LC50 - for Fish	0,03 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	0,1 mg/l/48h Dafnia magna
EC50 - for Algae / Aquatic Plants	0,084 mg/l/72h Scenedesmus subspicatus

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one. [EC no. 220-239-6] (3:1)

LC50 - for Fish	0,22 mg/l/96h Oncorhynchus mykiss
EC50 - for Crustacea	0,0052 mg/l/48h Dafnia magna
EC50 - for Algae / Aquatic Plants	0,048 mg/l/72h Pseudokirchneriella subcapitata

## 12.2. Persistence and degradability

## DIPROPYLENE GLYCOL MONOMETHYL ETHER

Solubility in water	1000 - 10000 mg/l
Rapidly degradable	

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one. [EC no. 220-239-6] (3:1)

Rapidly degradable

## 12.3. Bioaccumulative potential

## 1,2-BENZOISOTIAZOL-3(2H)-ONE

Partition coefficient: n-octanol/water	0,7
BCF	6,95

**SECTION 12. Ecological information** ... / >>**2-METIL-2H-ISOTIAZOL-3-ONE**

Partition coefficient: n-octanol/water 0,32

BCF 3,16

**DIPROPYLENE GLYCOL MONOMETHYL ETHER**

Partition coefficient: n-octanol/water 0,0043

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one. [EC no. 220-239-6]

(3:1)

BCF 3,6

**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%.

**12.6. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

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**

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

## SECTION 14. Transport information ... / >>

### 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

Seveso Category - Directive 2012/18/EC:

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product	
Point	3

Substances in Candidate List (Art. 59 REACH)

None

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC) :

Binding primers.

This product contains the following substances biocide to protect the dry film (Reg.528 / 2012):

2-octyl-2H-isothiazol-3-one CAS: 26530-20-1, Zinc pyrithione CAS: 13463-41-7, 3-iodo-2-propynyl CAS: 55406-53-6.

**SECTION 15. Regulatory information** ... / >>

## 15.2. Chemical safety assessment

No chemical safety assessment 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:

<b>Acute Tox. 2</b>	Acute toxicity, category 2
<b>Acute Tox. 3</b>	Acute toxicity, category 3
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>STOT RE 1</b>	Specific target organ toxicity - repeated exposure, category 1
<b>Skin Corr. 1B</b>	Skin corrosion, category 1B
<b>Skin Corr. 1C</b>	Skin corrosion, category 1C
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Skin Sens. 1A</b>	Skin sensitization, category 1A
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2
<b>H310</b>	Fatal in contact with skin.
<b>H330</b>	Fatal if inhaled.
<b>H301</b>	Toxic if swallowed.
<b>H311</b>	Toxic in contact with skin.
<b>H331</b>	Toxic if inhaled.
<b>H302</b>	Harmful if swallowed.
<b>H372</b>	Causes damage to organs through prolonged or repeated exposure.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.
<b>EUH071</b>	Corrosive to the respiratory tract.
<b>EUH208</b>	Contains <name of sensitising substance>. May produce an allergic reaction.

**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

**SECTION 16. Other information** ... / >>

- 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).

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**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:

01/02/03/06/08/09/10/11/12/13/15