

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

1 Identification of the substance/preparation and of the company/undertaking**Product details**Trade name **Eurolan Color D**

Safety data sheet no.: 49PD10351/10

Application of the substance / the preparation Construction chemicals

Manufacturer/Supplier:

maxit France s.a.s
 4 rue de Mulhouse
 Boîte Postale 27
 F-68180 Horbourg-Wihr
 Tel.: ++33(0)3 89 20 10 80
 FAX: ++33(0)3 89 20 10 92

Information in case of emergency:

maxit France s.a.s
 Tel.: ++33(0)3 89 20 10 80

2 Composition/information on ingredients**Chemical characterization**

Description: Synthetic resin dispersion

Dangerous components:

112-34-5	2-(2-butoxyethoxy)ethanol  Xi; R 36	1 - 2%
55965-84-9	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) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)  T,  C,  N; R 23/24/25-34-43-50/53	<0,1%

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

3 Hazards identification**Hazard description:**

Xi Irritant

Information concerning particular hazards for human and environment:

R 43 May cause sensitisation by skin contact.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures**General information** Immediately remove any clothing soiled by the product.**After inhalation** Supply fresh air; consult doctor in case of complaints.**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Eurolan Color D

(Contd. of page 1)

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

Information for doctor None

5 Fire fighting measures

Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

Special hazards caused by the substance, its products of combustion or resulting gases:

When water is vaporized, generation of toxic gases can not be excluded, e.g.:

Carbon monoxide (CO)

Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures

Person-related safety precautions: Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: See Section 13 for disposal information.

7 Handling and storage

Handling

Information for safe handling:

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Information about fire - and explosion protection: No special measures required.

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Protect from frost.

Recommended storage temperature: 5-30°C.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.

(Contd. on page 3)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Eurolan Color D

(Contd. of page 2)

Ingredients with limit values that require monitoring at the workplace:

CAS No.	Designation of material	%	Type	Value	Unit
112-34-5 2-(2-butoxyethoxy)ethanol					
IOELV ()	Short-term value: 101,2 mg/m ³ , 15 ppm Long-term value: 67,5 mg/m ³ , 10 ppm				

Additional information:

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Personal protective equipment:**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Do not eat or drink while working.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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

Material of gloves

Rubber 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: Safety glasses.

Body protection: Protective work clothing.

9 Physical and chemical properties:**General Information**

Form:	Fluid
Colour:	Whitish
Odour:	Characteristic

Change in condition

Boiling point/Boiling range: 100°C (212°F) (DIN)

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C (68°F): 1,35 g/cm³ (DIN 51757)

Bulk density: Not applicable.

(Contd. on page 4)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Eurolan Color D

(Contd. of page 3)

Solubility in / Miscibility with**Water:** Fully miscible**pH-value at 20°C (68°F):** 7,0-8,0 (DIN 19261)**Viscosity:****dynamic:** Not determined.**kinematic:** Not determined.**Solvent separation test:** Not applicable.**Solvent content:****Organic solvents:** 3,5 %**10 Stability and reactivity****Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

Dangerous reactions:

Contact with aliphatic amines results in an irreversible polymerisation with considerable thermic development.

Dangerous decomposition products: No dangerous decomposition products known.**11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:**

Components	Type	Value	Species
1317-65-3 limestone			
Oral	LD50	> 5000 mg/kg	(rat)
Polyacrylat			
Oral	LD50	> 2000 mg/kg	(rat)
Dermal	LD50	>2000 mg/kg	(rat)
13463-67-7 titanium dioxide			
Oral	LD50	>10000 mg/kg	(rat)

Primary irritant effect:**on the skin:** Skin irritation possible due to drying effect.**on the eye:** Irritating effect.**Sensitization:** Sensitization possible through skin contact.**Additional toxicological information:**

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

Irritant

12 Ecological information:**Information about elimination (persistence and degradability):****Other information:** The product is difficultly biodegradable.

(Contd. on page 5)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Eurolan Color D

(Contd. of page 4)

Ecotoxical effects:**Acquatic toxicity:**

Type of test Effective concentration Method Assessment

Polyacrylat

EC50/48h >1000 mg/l (Daphnia magna (großer Wasserfloh))

LC50/96h >1000 mg/l (fish)

Remark: The product contains substances which causes severe clouding in water**General notes:**

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations**Product:****Recommendation**

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.**14 Transport information****Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

Transport/Additional information: Not dangerous according to the above specifications.**15 Regulatory information****Labelling according to EU guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.

Observe the general safety regulations when handling chemicals.

Code letter and hazard designation of product:

Xi Irritant

(Contd. on page 6)

EU

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Eurolan Color D

(Contd. of page 5)

Hazard-determining components of labelling:

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

Risk phrases:

43 May cause sensitisation by skin contact.

Safety phrases:

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

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

28 After contact with skin, wash immediately with plenty of water.

37/39 Wear suitable gloves and eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

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

23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

34 Causes burns.

36 Irritating to eyes.

43 May cause sensitisation by skin contact.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing MSDS: Product safety department

Contact: Mr Gilles Weber, Tel.: ++33(0)3 89 20 10 93

*** Data compared to the previous version altered.**

EU