FPB.001-11.01

SAFETY DATA SHEET
Exelans Extra Macro

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name Exelans Extra Macro

Product number 22B

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

Identified uses Water based, acrylic resin and silicone used exterior paint.

Maddenin/karışımın kullanımı

1.3. Details of the supplier of the safety data sheet

Contact person Occupational Health and Safety Department

Manufacturer POLİSAN KANSAI BOYA SAN. VE TİC. A.Ş.
Demirciler Osb. Mh. Refik Baydur Cd. No:7/3 Dilovası - KOCAELİ
TURKIYE
www.kansaipolisan.com.tr
+90 262 679 60 00
+90 262 606 03 70
info@kansaipolisan.com

1.4. Emergency telephone number

Emergency telephone POLISAN KANSAI BOYA SAN. TİC. A.Ş. : +90 262 679 73 45 ULUSAL ZEHIR DANISMA MERKEZI(UZEM):114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Not Classified

Human health May cause skin sensitisation or allergic reactions in sensitive individuals.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical The product isn't flammable.

Classification (Regulation (EC) No. 1272/2008 CLP).

Zararlı fizikokimyasal etkiler ve insan sağlığı ile çevre üzerindeki olumsuz etkileri

2.2. Label elements

Hazard pictograms



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Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction.
Precautionary statements	P102 Keep out of reach of children. P404 Store in a closed container. P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves, eye and face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P302+P352 IF ON SKIN: Wash with plenty of water.
Contains	reaction mass 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)

Dokunsal uyarı

Çocuk emniyetli sabitleme

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

Sınıflandırmaya katkıda bulunmayan diğer zararlılıklar

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANEDIOL **1-5%**

CAS number: 107-21-1 EC number: 203-473-3

Classification
Acute Tox. 4 - H302
STOT RE 2 - H373

1,2-benzisothiazol-3(2H)-one **<0,006%**

CAS number: 2634-33-5 EC number: 220-120-9

M factor (Acute) = 1

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400

2-methylisothiazol-3(2H)-one **<0,005%**

CAS number: 2682-20-4 EC number: 220-239-6

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 2 - H330
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1A - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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reaction mass 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)	**<0,002%**
CAS number: 55965-84-9	
M factor (Acute) = 100 M factor (Chronic) = 100	
SCL:Skin Corr. 1C - H314C ≥ 0,6 %Eye Irrit. 2 - H319: 0,06 % ≤ C < 0,6 %Skin Irrit. 2 - H315: 0,06 % ≤ C < 0,6 %Skin Sens. 1A - H317C ≥ 0,0015 %	

Classification
Acute Tox. 3 - H301
Acute Tox. 2 - H310
Acute Tox. 2 - H330
Skin Corr. 1C - H314
Eye Dam. 1 - H318
Skin Sens. 1A - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information If in doubt, get medical attention promptly.

Inhalation N/A

Ingestion IF SWALLOWED: Get medical attention immediately.

Skin contact IF ON SKIN: Rinse immediately with plenty of water.

Eye contact Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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

General information See Section 11 for additional information on health hazards.

Ingestion May cause discomfort if swallowed.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Specific hazards Not relevant.

Patlama tehlikesi

5.3. Advice for firefighters

Protective actions during firefighting Leave danger zone immediately.

Special protective equipment for firefighters No specific equipment is mandatory.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

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Koruyucu donanım

Acil durum planları

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not discharge into drains or watercourses or onto the ground.

Temizlik işlemleri

Diğer bilgiler

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13. For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use.

Advice on general occupational hygiene Wash skin thoroughly after handling.

Hijyen ölçütleri

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a closed container.

Ambalaj malzemeleri

7.3. Specific end use(s)

Usage description Use the product according to its Technical Data Sheet or instructions written on the label.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m³ vapour
Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³ vapour
Sk
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate
Sk
WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.

Methylene Chloride (75-09-2)
Türkiye - Mesleki Maruziyet Limitleri

Yerel ad

OEL TWA

OEL STEL

Yorumlar

Mevzuat referansı

Methylene Chloride (75-09-2) - AB - Belirleyici Mesleki Maruz Kalma Sınır Değeri (IOEL)

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8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate ventilation.
Personal protection	Use the personal protective equipments showed above.
Hand protection	Wear protective gloves.
Other skin and body protection	No specific requirements are anticipated under normal conditions of use.
Hygiene measures	Wash skin thoroughly after handling.
Respiratory protection	No specific recommendations.
Environmental exposure controls	Look upto Chapter 6

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	The colors covered in the Polisan Color Catalogue.
Odour	Characteristic.
pH	pH (concentrated solution): 8 - 9
Flash point	Not relevant.
Upper/lower flammability or explosive limits	Not relevant.
Other flammability	Not relevant.
Relative density	1,39-1,43 g/mL
Viscosity	18000 - 24000 cP @ °C
pH çözeltisi	
Ayrışma sıcaklığı	
Patlayıcı sınırlar	

9.2. Other information

Other information	Matt.
Refractive index	No information available.
Volatility	Technically not feasible.
Volatile organic compound	No specific test data are available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under normal conditions.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant.

10.4. Conditions to avoid

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Conditions to avoid Avoid freezing. No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 50,000.0

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Skin sensitisation

Skin sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Inhalation No specific health hazards known.

Ingestion May be harmful if swallowed.

Skin contact May cause irritation.

Acute and chronic health hazards May cause discomfort.

Medical considerations No information available.

11.2 Information on other hazards

Information on other hazards

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 158 mg/l, Fish

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 0,12 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential There is no information about experimantal datas of product

12.4. Mobility in soil

Mobility There is no information about experimantal datas of product.

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods No specific equipment is required. Wash the equipments after use.

Kullanılmış suların imhasına yönelik tavsiyeler

Ürün/Ambalaj imha tavsiyeleri

Ekolojik atık bilgileri

Avrupa Atık Listesi (LoW, EC 2000/532)

HP kodu

R/D kodu (Geri Kazanım/Bertaraf, AB 2008/98)

Zararlı Atık Grubu

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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Özel Hükümler

SECTION 15: Regulatory information

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

EU legislation

According to Regulation EC no: 1272/2008

Guidance Workplace Exposure Limits EH40.

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15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

General information

This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Product 1 Chapter gives other than those specified. Utilization of the product are beyond our control to special conditions, the supplier, the consumer is responsible for ensuring that the requirements of legislation on the subject. Information consisting of present-day situation in this safety data sheet are based on national legislation, health, safety and environmental respects the way. Technical performance and does not guarantee suitability for specific situations. Based on our present knowledge projects, but they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Revision 01

Supersedes date 16/06/2025

SDS number 23899

Hazard statements in full

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H373 May cause damage to organs through prolonged or repeated exposure if swallowed or if inhaled.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.