Safety Data Sheets

According to Annex II of REACH - Regulation (EU) 2020/878

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

1.1. Product ID

Product Name	**ORGALOK MA 48**
Chemical name and synonyms	**Formulated polyvinyl acetate polymer in water**

1.2. Identified uses of the substance or mixture that are relevant and uses that are not recommended

Application Description	**Emulsion glue formed.**

1.3. Details of the safety data sheet provider

Company Name	**ORGANIC CHEMICAL INDUSTRY AND TRADE INC.**
Full address	**Mimarsinan Mah. Cendere Yolu No.146 Kemerburgaz/Eyüp**
Location and country	**34075 İstanbul** **Turkiye**
	Wire. +90 212 331 00 00
	Fax +90 212 331 00 01

Importer : **Ada Color Ltd.**
Ul. 176 Brezovsko Shose Street,
4003 Plovdiv, Bulgaria
Mobile: +359896663052
Tel: +35932940456
Fax +35932940457
Web: adacolor-bg.com

1.4. Emergency phone number:

Additional information: Bulgaria:
Toxicology Clinic at the Pirogov Hospital for Active Treatment
Emergency phone:
+359 02 9154 409 (within normal business hours, excluding weekends)
+359 02 9154 346 (non-stop service)

SECTION 2. Hazard description

2.1. Classification of the substance or mixture

The product is classified as hazardous under the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and corrections). The product requires a safety data sheet in accordance with Regulation (EU) 2020/878.
Any additional information regarding health and/or environmental risks is noted in Sections 11 and 12.

Hazard classification and designation:

Dermal sensitization, category 1	H317	May cause an allergic skin reaction.

2.2. Label elements

Hazard labelling according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and corrections.

Hazard pictograms:

Signal words: Caution

Hazard Warnings:

SECTION 2. Hazard description ... / >>

H317	May cause an allergic skin reaction.

Safety recommendations:

P280	Use safety gloves.
P261	Avoid inhaling dust/smoke/gas/smoke/fumes/aerosols.
P333+P313	If skin irritation or rash occurs: Seek medical advice/help.
P362+P364	Remove contaminated clothing and wash it before reuse.

Contains: 2-methyl-3(2H)-isothiazolone (CAS:2682-20-4)
5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9)

2.3. Other hazards

Based on the available data, it is evident that the product does not contain PBT or vPvB substances at a rate ≥ of 0,1%. The

product does not contain substances with endocrine disrupting properties with a concentration ≥ 0.1%.

SECTION 3. Ingredients/Ingredient Information

3.1. Substances

Irrelevant information

3.2. Mixtures

Contains:

Identification		x = Conc. %	Класификация (ЕО) 1272/2008 (CLP)
2-methyl-3(2H)-isothiazolone (CAS:2682-20-4)			
INDEX		0.0015 ≤ x < 0.06	**Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1**
EEC	*220-239-6*		**Skin Sens. 1 H317: ≥ 0.0015%**
CASE	*2682-20-4*		**STA Oral: 100 mg/kg, STA Skin: 300 mg/kg, STA Inhalation clouds/dust: 0.051 mg/l, STA Vapour inhalation: 0.501 mg/l**
5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9)			
INDEX	*613-167-00-5*	0 ≤ x < 0.0015	**Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100**
EEC	*611-341-5*		**Skin Sens. 1A H317: ≥ 0.0015%**
CASE	*55965-84-9*		**STA Oral: 100 mg/kg, STA Skin: 50.001 mg/kg, STA Inhalation clouds/dust: 0.051 mg/l, STA Inhalation vapours: 0.501 mg/l**

The full text of hazard instructions (H) is in Section 16.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Eliminate possible contact lenses. Wash immediately and thoroughly with water for at least 30/60 minutes, opening the eyelids well. Consult a doctor right away.
SKIN: Remove contaminated clothing. Take a bath immediately. Consult a doctor right away.
INGESTION: Give the injured person to drink as much water as possible. Consult a doctor right away. Induce vomiting only with a doctor's prescription.
INHALATION: Call a doctor immediately. Carry the injured person outdoors, away from the scene of the accident. If breathing stops, do artificial respiration. Take appropriate precautions for the rescuer.

4.2. The most significant acute symptoms and effects occurring after a certain period of time

No specific information is known about the symptoms and effects caused by the product.

4.3. Indication of the need for any emergency medical care and special treatment

No information available

SECTION 5. Fire prevention measures

5.1. Fire extinguishers

SUITABLE EXTINGUISHING AGENTS
The extinguishing agents are the traditional ones: carbon dioxide, foam, dust and nebulized water.
INAPPROPRIATE EXTINGUISHING AGENTS
None in particular.

5.2. Particular hazards arising from the substance or mixture

HAZARDS OF EXPOSURE TO SUCHAI FIRE
Avoid inhalation of products resulting from ignition.

5.3. Tips for firefighters

BACKGROUND
Cool the dishes with a water jet to avoid degradation of the product and the formation of potentially hazardous substances. Always wear full protective firefighting equipment. Collect the water used to extinguish the fire, which should not be poured down the drain. The contaminated water used in extinguishing the fire and fire should be disposed of in accordance with the current regulations.
EQUIPPING
Normal firefighting clothing, such as one open-chain compressed air respirator (EN 137), fire kit (EN469), fire gloves (EN 659) and firefighting boots (HO A29 or A30).

SECTION 6. Emergency release measures

6.1. Personal precautions, protective equipment and emergency procedures

In the absence of danger, stop the source of leakage or spillage of the product.
Use appropriate protective equipment (including personal protective equipment specified in Section 8 of the Safety Data Sheet) to avoid contact with skin and eyes and contamination of personal clothing. These guidelines apply to both product handlers and emergency interventions.

6.2. Precautions to protect the environment

Do not allow the product to enter sewers, surface waters, groundwater.

6.3. Methods and materials for restraint and cleaning

Aspirate the leaked product in a suitable container. Assess the compatibility of the container to be used for the product by checking Section 10.
Absorb the substrates with absorbent inert material.
Carry out the necessary ventilation of the room where the product was spilled. The disposal of the contaminated material must be carried out in accordance with the provisions in item 13.

6.4. Reference to other sections

Any information regarding personal protective equipment and waste disposal is given in Sections 8 and 13.

SECTION 7. Operation and storage

7.1. Precautions for safe operation

Operate the product only after you have read all other sections of this safety cardboard. Avoid spraying the product into the environment. Do not eat, drink or smoke during the use of the product. Remove contaminated clothing and protective equipment before going to the dining areas.

7.2. Safe storage conditions, including incompatibilities

Store only in the original containers. Store in closed containers, in a well-ventilated place, away from direct sunlight. Containers should be stored away from possibly incompatible materials, consult section 10.

The emulsion should be stored between 5-25 ° C for a maximum of 6 months and freezing should be avoided.

7.3. Specific end-use(s)

No information available

SECTION 8. Exposure control/personal protective equipment

8.1. Control parameters

No information available

8.2. Exposure control

Given that the use of appropriate technical measures should always take precedence over the use of personal protective equipment, ensure good ventilation in the workplace through efficient local aspiration.
When choosing personal protective equipment, ask for advice from your chemical suppliers. Personal protective equipment must bear the CE marking, which certifies that it complies with the standards in force.
Provide an emergency shower with an eye wash bath. HAND
PROTECTION
Protect hands with category III work gloves.
When choosing a material for work gloves (see EN 374 standard), the following must be taken into account: compatibility, degradation, breakage time and penetration.
In the case of handling detergents, the durability of the work gloves must be checked before use, as it cannot be predicted. Gloves have a wear time, which depends on the duration and how they are used.
SKIN PROTECTION
Wear long-sleeved work clothes and protective shoes for professional use of category II (according to Regulation 2016/425 and EN ISO 20344). Wash with soap and water after removing protective clothing.
EYE PROTECTION
The use of airtight safety glasses is recommended (see standard EN 166).
RESPIRATORY PROTECTION
In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more substances present in the product, we advise the use of a mask with a type A filter, the class (1, 2 or 3) of which must be selected depending on the limit concentration of use. (see standard EN 14387). In case there are gases or vapors of different nature and/or gases or vapors with particles (aerosol, smoke, fogs, etc.), it is necessary to use combined filters.
The use of respiratory protective equipment is necessary in case the technical measures taken are not sufficient to limit the worker's exposure to the threshold values taken into account. The protection provided by the masks is limited.
In the event that the substance in question is odourless or its olfative threshold is greater than the corresponding TLV-TWA, and in the event of an emergency, insert an open-circuit self-contained compressed air breathing apparatus (see EN 137) or an external air intake breathing apparatus (see EN 138). For the right choice of respiratory protective equipment, refer to EN 529.
ENVIRONMENTAL EXPOSURE VERIFICATION
Emissions from manufacturing processes, including those from ventilation systems, must be controlled in order to comply with environmental regulations.

GLOVE TYPE: Nitrile rubber, penetration time> 480 minutes, glove thickness 0.1 - 0.4 mm.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Physical aspect	viscous liquid	
Colour	white	
Smell	Characteristic	
Odor limit	Indeterminate	
Melting Point / Freezing Point	not applicable	
Boiling point	100°C	
Boiling interval	Not applicable	
Zapalimost	Unignited	
Lower Limit Explosion	Not applicable	
Upper limit explosion	Not applicable	
Ignition point	Not applicable	
Self-ignition temperature	Not applicable	
Decay temperature	Undefined	
pH	4.0-5.0	
Kinematic viscosity	Missing	

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

Dynamic viscosity	13000-17000 cps
Solubility	mixes with water
Distribution coefficient:	
n-octanol/water	Undefined
Vapor pressure	Undefined
Relative Density of Money	Undefined
Characteristics of particles	Not applicable

9.2. Other information

9.2.1. Information on physical hazard classes No information

available

9.2.2. Other safety features

Evaporation rate	Undefined
Total dry matter	48.00 %
Explosive properties	is not explosive
Oxidizer properties	non-oxidizing

SECTION 10. Stability and reactivity

10.1. Reactivity

Under normal conditions of use, there are no particular dangers of reaction with other substances.

10.2. Chemical stability

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

10.3. Possibility of dangerous reactions

Under normal conditions of use and storage, no dangerous reactions are foreseen.

10.4. Conditions to avoid

Not one in particular. Use the usual caution when handling chemical products.

10.5. Incompatible materials

No information available

10.6. Hazardous decay products

No information available

SECTION 11. Toxicological information

In the absence of experimental toxicological data for the product itself, possible health hazards from the product were assessed on the basis of the properties of the substances contained, according to the classification criteria provided for by the reference standard.
Therefore, take into account the concentration of the individual hazardous substances possibly cited in Section 3 for the assessment of the toxicological effects resulting from exposure to the product.

11.1. Information on hazard classes set out in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information No information

available

Information on likely routes of exposure No information

available

Immediate effects occurring after a certain period of time, as well as chronic consequences of short-term and long-term exposure

No information available

SECTION 11. Toxicological information ... / >>

Interaction

No information available ACUTE

TOXICITY

ATE (Inhalation) of the mixture:	Unclassified (no significant component)
ATE (oral) of the mixture:	Unclassified (no significant component)
ATE (Leather) of the mixture:	Unclassified (no significant component)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class SERIOUS EYE

DAMAGE / EYE IRRITATION

Does not meet the classification criteria for this hazard class RESPIRATORY

OR SKIN SENSITIZATION

Increases skin sensitivity 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

SPECIFIC ORGAN TOXICITY - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

SPECIFIC ORGAN TOXICITY - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class INHALATION

HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances included in the main European lists of potential or suspected endocrine disruptors affecting human health that are under evaluation.

SECTION 12. Environmental information

To be used, according to normal working practice, avoiding the disposal of the product into the environment. Notify the competent authorities in case the product reaches water sources or if it has contaminated the soil and/or vegetation.

12.1. Toxicity

5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9)

LC50 - Риби	14.8 mg/l/96 ч OECD 203
EC50 - Crustaceans	8 mg/l/48 ч OECD 202
EC50 - Algae / Aquatic Plants	3.2 mg/l/72 ч OECD 201

2-methyl-3(2H)-isothiazolone (CAS:2682-20-4)

LC50 - Pisces	1.6 mg/l/96 ч OECD 203
EC50 - Crustaceans	2.94 mg/l/48 ч OECD 202

SECTION 12. Environmental information ... / >>

12.2. Resilience and degradability

5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9) Бързо разградим

12.3. Bioaccumulative capacity

No information available

12.4. Soil Portability

No information available

12.5. PBT and vPvB assessment results

Based on the available data, it is evident that the product does not contain PBT or vPvB substances at a rate ≥ of 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances included in the main European lists of potential or suspected endocrine disruptors affecting the environment that are under evaluation.

12.7. Other adverse effects

No information available

SECTION 13. Waste disposal

13.1. Waste treatment methods

If possible, reuse. Product residues should be considered as special and hazardous waste materials. The degree of hazard of the waste of this product must be assessed on the basis of the current legal regulations.
The disposal of the product must be undertaken by a specialized company authorized to handle waste materials in accordance with national and local regulations.
SOILED PACKAGING
Contaminated packaging should be sent for recycling or disposal in accordance with national waste material treatment regulations.

SECTION 14. Transport information

The product is not considered dangerous according to the regulations in force regarding the road (A.D.R.), rail (RID), sea (IMDG) and air (IATA) transport of dangerous goods.

14.1. UN List Number or Identification Number

Not applicable

14.2. Exact name of the consignment on the UN list

Not applicable

14.3. Transport hazard class(s)

Not applicable

14.4. Packaging Group

Not applicable

SECTION 14. Transport information

... / >>

14.5. Environmental hazards

Not applicable

14.6. Special precautions for consumers

Not applicable

14.7. Maritime transport of bulk cargo according to International Maritime Organization instruments

Irrelevant information

SECTION 15. Regulatory information

15.1. Substance- or mixture-specific safety, health and environmental legislation/legislation

Seveso Category - Directive 2012/18/EC: Any

Restrictions on the product or on the substances contained, according to Annex XVII Regulation (EC) 1907/2006 Product
Point 3
Substances contained
Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors not applicable

Substances in Candidate Lis (Art. 59 REACH)
Based on the available data, it appears that the product does not contain SVHC substances at a rate ≥ of 0,1%.

Substances subject to authorisation (Annex XIV REACH) None

Substances subject to the export notification obligation Regulation (EC) 649/2012: None

Substances subject to the Rotterdam Convention:
Any

Substances subject to the Stockholm Convention None

Sanitary checks
Workers who are exposed to this chemical product hazardous to health should not be subjected to medical supervision in cases where it is demonstrated that the risks to their safety and health are limited and that the measures provided for in Directive 98/24/EC are sufficient to reduce such a risk.

15.2. Safety assessment of a chemical substance or mixture

No safety assessment of the preparation/substances referred to in section 3 has been carried out.

SECTION 16. Other information

The text with the instructions for (H) quoted in sections 2-3 of the map:

Acute Tox. 2 Acute toxicity, category 2
Acute Tox. 3 Acute toxicity, category 3
Skin Corr. 1B Leather corrosion category 1B
Skin Corr. 1C Leather corrosion category 1C
Skin Sens. 1 Dermal sensitization, category 1
Skin Sens. 1A dermal sensitization, category 1A
Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity,
category 1 **Aquatic Chronic 1** Hazardous to the aquatic environment, chronic hazard,
category 1 **H310** Deadly in contact with the skin.
H330 Deadly if inhaled.

SECTION 16. Other information ... / >>

H301	Toxic if ingested.
H311	Toxic in contact with the skin.
H314	It causes severe skin burns and serious eye damage.
H317	May cause an allergic skin reaction.
H400	Highly toxic to aquatic organisms.
H410	Highly toxic to aquatic organisms, with a long-lasting effect.

LEGEND:
- ADR: European Agreement on the Transport of Dangerous Goods by Road.
- CAS: Номер на Chemical Abstract Service
- CE50: Concentration that affects 50% of the population to be tested
- CE: ESIS (European Archive of Existing Substances) identification number
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived level without impact
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labelling of Chemical Products
- IATA DGR: International Air Transport Association Dangerous Goods Regulations
- IC50: Concentration of immobilization of 50% of the population to be tested
- IMDG: International Maritime Code for the Transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Professional Exposure Degree
- OOT: Acute toxicity assessment
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Foreseeable concentration in the environment
- PEL: Predictable Exposure Level
- PNEC: Predictable concentration without consequences
- REACH: Regulation (EC) 1907/2006
- RID: Regulations for the International Transport of Dangerous Goods by Train
- TLV: Cut-off value
- TLV MAXIMUM VALUE: Concentration that should not be passed at any point during exposure during operation.
- TWA: Weighted Average Exposure Limit
- TWA STEL: Short-Term Exposure Limit
- VOC: Volatile Organic Compound
- vPvB: Very persistent and highly bioaccumulative according to REACH
- WGK: Water hazard classes (Germany).

MAIN BIBLIOGRAPHY:
1. European Parliament Regulation (EC) 1907/2006 (REACH)
2. European Parliament Regulation (EC) No 1272/2008 (CLP)
3. Regulation (EU) 2020/878 (Annex II to the REACH Regulation)
4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) No 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Rules (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. European Parliament Regulation (EU) 2016/918 (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Toxicological sheet
- Patty - Industrial Hygiene and Toxicology

SECTION 16. Other information ... / >>

- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Уеб сайт IFA GESTIS
- Website ECHA Agency
- SDS Model Database for Chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note to the user:
The information contained in this manual is based on knowledge we have up to the date of the latest version. The user must be convinced of the accuracy and completeness of the information depending on the type of use of the product. This document should not be considered as a guarantee regarding the specific properties of the product.
As the use of the product is not under our direct control, the User is obliged to comply at his own risk with the Law and the current regulations in relation to hygiene and safety. No responsibility is taken for improper use of the product.
Provide appropriate information for personnel working on the use of chemical products.

CALCULATION METHODS FOR CLASSIFICATION
Chemical and Physical Hazards: Product classification is based on criteria established by the Classification, Labelling and Packaging (CLP) Regulation, Annex I, Part 2. The data for the assessment of chemical and physical properties are referred to in Article 9.
Health hazards: The classification of the product shall be based on calculation methods according to Annex I of CLP, Part 3, unless otherwise specified in Section 11.
Environmental hazards: The classification of the product shall be based on calculation methods according to Annex I of CLP, Part 4, unless otherwise specified in Section 12.

Changes compared to the previous edition:
Changes have been made in the following parts:
02 / 03 / 09 / 11 / 12 / 15 / 16.