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<b>Vodaseal Auto Marker</b>	TS2024010509



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name: Vodaseal Auto Marker

Model/Type No.:

UFI:/

The product does not contain nanoform materials

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

Use of the substance/mixture: No information available.

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

Company name:NM Dış Ticaret Pazarlama Ltd. Şti.

Contact person: Turgut

Address: Orhantepe Mah. Defne Sok. No:18/A Dragos / Kartal / İSTANBUL

Telephone number:+90 216 387 34 52

E-mail address: info@nmdisticaret.com

### 1.4 Emergency telephone number:

+90 216 387 34 52

Other information: /

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance/mixture according to Regulation (EC) No 1272/2008(CLP)

#### Physical hazards

Flammable liquids

Category 2 (H225)

#### Health hazards

Specific Target Organ Toxicant

Category 3 (H336)

#### Environmental hazards

Based on available data, the classification criteria are not met.

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## 2.2 Label Elements

### Hazard pictogram(s):



**Signal Word:** Danger.

### Hazard Statements

H225 - Highly flammable liquid and vapour.

H336 - May cause drowsiness or dizziness.

### Precautionary statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

### Endocrine Disruptors

None.

**PBT (persistent, bioaccumulative, toxic) and vPvB (very persistent, very bioaccumulative) assessment results**

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None.

PMT (persistent, mobile, toxic) and vPvM (very persistent, very mobile) assessment results

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product does not contain nanoform materials

Substance ☐ Mixtures ☒

(1) White

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
1-methoxy-2-propa nol	30	107-98-2	203-539-1	603-064-00-3	Flam. Liq. 3,H226 STOT SE 3,H336
Ethanol	25	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2,H225
Titanium dioxide	25	13463-67-7	643-044-1	N/A	Not Classified
Rosin maleated	15	8050-28-0	232-480-4	N/A	Not Classified
Aluminium	5	7429-90-5	231-072-3	013-002-00-1	Stabilised powder: Flam. Sol. 1,H228 Water-react. 2, H261

(2) Yellow

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
1-methoxy-2-propa nol	30	107-98-2	203-539-1	603-064-00-3	Flam. Liq. 3,H226 STOT SE 3,H336
Ethanol	27	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2,H225
Titanium dioxide	20	13463-67-7	643-044-1	N/A	Not Classified
Rosin maleated	15	8050-28-0	232-480-4	N/A	Not Classified
Aluminium	5	7429-90-5	231-072-3	013-002-00-1	Stabilised powder: Flam. Sol. 1,H228 Water-react. 2, H261
C. I. Solvent Yellow 21	3	5601-29-6	227-022-5	N/A	Not Classified

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### (3) Black

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
1-methoxy-2-propanol	35	107-98-2	203-539-1	603-064-00-3	Flam. Liq. 3,H226 STOT SE 3,H336
Ethanol	35	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2,H225
Rosin maleated	15	8050-28-0	232-480-4	N/A	Not Classified
C.I. Solvent Black 27	10	12237-22-8	602-672-6	N/A	Not Classified
Aluminium	5	7429-90-5	231-072-3	013-002-00-1	Stabilised powder: Flam. Sol. 1,H228 Water-react. 2, H261

### (4) Red

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
1-methoxy-2-propanol	30	107-98-2	203-539-1	603-064-00-3	Flam. Liq. 3,H226 STOT SE 3,H336
Ethanol	25	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2,H225
Rosin maleated	15	8050-28-0	232-480-4	N/A	Not Classified
Titanium dioxide	20	13463-67-7	643-044-1	N/A	Not Classified
Pigment red123	5	24108-89-2	246-018-4	N/A	Not Classified
Aluminium	5	7429-90-5	231-072-3	013-002-00-1	Stabilised powder: Flam. Sol. 1,H228 Water-react. 2, H261

### (5) Silver

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
1-methoxy-2-propanol	30	107-98-2	203-539-1	603-064-00-3	Flam. Liq. 3,H226 STOT SE 3,H336
Ethanol	47	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2,H225
Rosin maleated	15	8050-28-0	232-480-4	N/A	Not Classified

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Aluminium	8	7429-90-5	231-072-3	013-002-00-1	Stabilised powder: Flam. Sol. 1,H228 Water-react. 2, H261
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Full text of H-/EUH- Statements: see section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Eye Contact** Immediately rinse open eyes with running water for at least 15 minutes. Seek medical advice if irritation develops or persists.
- Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
- Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.
- Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water spray. Carbon dioxide (CO2). Dry chemical. Chemical foam.

Unsuitable extinguishing media:

No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

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### 5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1 For non-emergency personnel

Ensure adequate ventilation, Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

#### 6.1.2 For emergency responders

Use suitable protective equipment for personal protection.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains, surface and ground water.

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

Sweep up, vacuum and collect in suitable, closed containers for recovery or disposal.

### 6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wear personal protective equipment. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

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

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, heat and sources of ignition. Secure and label area. Protect containers/cylinders from physical damage. The storage area should be equipped with a leak emergency treatment equipment and suitable shelter materials.

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### 7.3 Specific end use(s)

No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limit values

Component	Ireland	France	Germany
1-methoxy-2-propanol (107-98-2)	TWA: 375 mg/m <sup>3</sup> (8hours) (Inhalable fraction) STEL: 568 mg/m <sup>3</sup> (15min) (Inhalable fraction)	TWA: 188 mg/m <sup>3</sup> (8 hours) (Inhalable fraction) STEL: 375 mg/m <sup>3</sup> (15 min) (Inhalable fraction)	TWA: 370 mg/m <sup>3</sup> (8 hours) (Inhalable fraction) STEL: 740 mg/m <sup>3</sup> (15 min) (Inhalable fraction)
Ethanol (64-17-5)	STEL: 1000 ppm (15 min)	TWA: 1000 ppm (8 hours) STEL: 5000ppm (15 min)	TWA: 380 mg/m <sup>3</sup> (8 hours) (Inhalable fraction) STEL: 1520 mg/m <sup>3</sup> (15 min) (Inhalable fraction)
Aluminium (7429-90-5)	TWA: 2 mg/m <sup>3</sup> (8 hours)	TWA: 2 mg/m <sup>3</sup> (8 hours)	No data available
Titanium dioxide (13463-67-7)	TWA: 10 mg/m <sup>3</sup> (8 hours) (Inhalable fraction) 4 mg/m <sup>3</sup> (8 hours) (Respirable fraction)	TWA: 11 mg/m <sup>3</sup> (8 hours) (Inhalable aerosol)	TWA: 0.3 mg/m <sup>3</sup> (8 hours) (Respirable fraction) (Multiplied by the material density ) STEL: 2.4 mg/m <sup>3</sup> (15 min) (Respirable fraction) (Multiplied by the material density )

#### Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Monitoring procedure

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

#### Derived No Effect Level (DNEL)

No information available.

#### Predicted No Effect Concentration (PNEC)

No information available.

### 8.2 Exposure controls

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### 8.2.1 Appropriate engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### 8.2.2 Individual protection measures

<b>Eye and face protection</b>	Safety glasses with side-shields
<b>Skin protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory protection</b>	Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Thermal hazards</b>	Thermal decomposition can lead to release of irritating gases and vapors.

### 8.2.3 Environmental exposure controls

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	: Not provided.
Colour	: Colourful.
Odour	: Not provided.
Melting point/freezing point	: Not provided.
Boiling point or initial boiling point and boiling range	: 77-78°C.
Flammability	: Not provided.
Lower and upper explosion limit	: Not provided.
Flash point	: 13°C.
Auto-ignition temperature	: Not provided.
Decomposition temperature	: Not provided.
pH	: Not provided.
Kinematic viscosity	: Not provided.
Solubility	: Not provided.
Partition coefficient n-octanol/water (log value)	: Not provided.
Vapour pressure	: Not provided.
Density and/or relative density	: Not provided.
Relative vapour density	: Not provided.
Particle characteristics	: Not provided.



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**9.2 Other information**

Volume <10ml.

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

Hazardous polymerization does not occur.

**10.2 Chemical stability**

Stable under normal temperatures and pressures.

**10.3 Possibility of hazardous reactions**

None under normal processing.

**10.4 Conditions to avoid**

Incompatible products, Excess heat.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**(a) acute Toxicity**

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
1-methoxy-2-propanol (107-98-2)	11700mg/kg(Mouse) 6600mg/kg	13000mg/kg(Rabbit)	10000ppm,5h(Rat)
Ethyl alcohol(64-17-5)	10470 mg/kg OCED 401 ( Rat )	No data available	117-125 mg/L (4h) OECD 403 ( Rat )
Aluminium (7429-90-5)	No data available	No data available	> 0.888 mg/L ( Rat ) 4h
Titanium dioxide (13463-67-7)	>10000 mg/kg ( Rat )	>10000 mg/kg ( Rabbit )	>5.09 mg/L,4h ( Rat )

**(b) skin corrosion/irritation**

Based on available data, the classification criteria are not met.

**(c) serious eye damage/irritation**

Based on available data, the classification criteria are not met.

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**(d) respiratory or skin sensitisation**

**Respiratory**

Based on available data, the classification criteria are not met.

**Skin**

Based on available data, the classification criteria are not met.

**(e) germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**(f) carcinogenicity**

Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC	EU
Ethyl alcohol(64-17-5)	Group 1	Not classified

Note: IARC Group 1 - carcinogenic to humans.

**(g) reproductive toxicity**

Based on available data, the classification criteria are not met.

**(h) STOT-single exposure**

Based on available data, the classification criteria are not met.

**(i) STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Target Organs**

No information available.

**(j) aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2 Other Adverse Effects**

**11.2.1 Endocrine Disruptor Information**

None.

**11.2.2 Other information**

No.

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

**Ecotoxicity effects**

Do not empty into drains. The product contains following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethyl alcohol (64-17-5)	EC50: 275 mg/L, 72h (Chlorella vulgaris)	LC50: 14200 mg/L,96h Fathead minnow (Pimephalespromela s)	EC50:34634 mg/L, 30min (Photobacterium phosphoreum) EC50: 35470 mg/L, 5min (Photobacterium phosphoreum)	EC50: 9268 mg/L,48h EC50: 10800 mg/L,24h

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1-methoxy-2-propanol (107-98-2)	No data available	LC50: 4600 - 10000 mg/L, 96h static (Leuciscus idus) LC50: 20.8 g/L, 96h static (Pimephales promelas)	No data available	EC50: 23300 mg/L, 48h (Daphnia magna)
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**12.2 Persistence and degradability** No information available.

**12.3 Bioaccumulative potential**

Component	log Pow	Bioconcentration factor (BCF)
Ethyl alcohol(64-17-5)	-0.32	No data available.
1-methoxy-2-propanol (107-98-2)	-0.437	<2

**12.4 Mobility in soil** No information available.

**12.5 Results of PBT and vPvB assessment** No data available for assessment.

**12.6 Endocrine disrupting properties** None.

**12.7 Other adverse effects**

**Results of PMT and vPvM assessment** No data available for assessment.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste from Residues / Unused Products** Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Do not dispose of waste into sewer.

**Contaminated Packaging** Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**IMDG/IMO** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

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**14.4 Packing group**

**ADR/RID** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

**14.4 Packing group**

**ICAO/IATA** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

**14.4 Packing group**

**14.5 Environmental hazards** No hazards identified.

**14.6 Special precautions for user** No special precautions required.

**14.7 Transport in bulk according to Annex** Not applicable, packaged goods.

**II of Marpol73/78 and the IBC Code**

Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to these Regulations provided there is no free liquid in the packet or article.

**15. REGULATORY INFORMATION**

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

**International Inventories** X = listed

Component	EINECS	NZIoC	TSC A	DSL	NDSL	PICCS	IECS C	AIIC	KECI
1-methoxy-2-propanol	203-539-1	X	X	X	-	X	X	-	X
Ethanol	200-578-6	X	X	X	-	X	X	X	X
Rosin maleated	232-480-4	X	X	X	-	X	X	X	X
Aluminium	231-072-3	X	X	X	-	X	X	X	X
Titanium dioxide	236-675-5	X	X	X	-	X	X	X	X
C. I. Solvent Yellow 21	227-022-5	X	X	X	-	X	X	X	X
C.I. Solvent Black 27	602-672-6	X	-	-	-	X	X	X	X
Pigment Red 123	246-018-4	X	X	X	-	X	X	X	-

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### National Regulation

German Water Hazard Class (WGK) (Self-assessment) =1: low hazard to waters;2: hazard to waters;3: severe hazard to waters

Component	Germany - Water Classification (VwVwS)	Germany - TA-Luft Class
Ethyl alcohol (64-17-5)	WGK1	-
1-methoxy-2-propanol (107-98-2)	WGK 1	-

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS - European Inventory of Existing Commercial Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

KECI - Korea Existing Chemicals Inventory

### 15.2 Chemical safety assessment

No information available.

## 16. OTHER INFORMATION

### Full Text of H-/EUH-Statements Referred to Under Section 3

H225 - Highly flammable liquid and vapour.

H226 - Flammable liquid and vapour.

H336 - May cause drowsiness or dizziness.

H228 - Flammable solid.

H261 - In contact with water releases flammable gases.

This SDS complies with the requirements of Regulation (EC) No. 1907/2006 (REACH) Annex II and Regulation( EC) No.1272/2008(CLP) amending Regulation (EU) 2023/707, Regulation (EU) 2020/878, (EU)2018/605, (EU) 2018/1480.

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