

## SAFETY DATA SHEET

### SILICONE SPRAY

Product Name: Silicone Spray  
GBF Form No: M-00070

Preparation Date: 28.11.2025  
Revision Date/Number: 00/00

According to Commission Regulation (EU) 2020/878 as amended

#### 1. Description of the substance/mixture and of the company/distributor;

##### 1.1. The identity of the substance/mixture;

Product form : Mixture  
Trade Name : Silicone Spray  
EC Number : Unknown  
CAS Number : Unknown

##### 1.2. Identified uses of the substance or mixture and uses advised against;

On door seals, door hinges, hatch covers, textile machinery ( including sewing needles ), conveyors, motor bearings, and all other surfaces suitable for silicone application.

##### 1.3. Information about the supplier of the Safety Data Sheet;

Manufacturer : MAXRAY Kimya San. Tic. Ltd Şti.  
Address : Mimar Sinan Mah. Üsküdar Cad. YEDPA No:1 Cad. Inner door No:2  
ATAŞEHİR/İSTANBUL  
Phone : +90 850 307 04 47  
Email : info@maxray.com.tr  
Contact Person : Nurullah Düzgün  
Product Code : MX-77074  
Product Type : Lubricant

##### 1.4. Emergency phone number;

Emergency phone number : 114 (Poison Control Center / For local calls only.)

#### 2. Hazard identification;

##### 2.1. Classification of substances and mixtures;

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

Skin irritation, Hazard Category 2	H315
BHOT Single Mrz , Hazard Category 3 (Dizziness)	H336
Aspiration Toxicity , Hazard Category 1	H304
Flammable Aerosol , Hazard Category 1	H222
Pressure Vessel	H229
BHOT Repeated Exposure , Hazard Category 2	H373
Aquatic chronic, Pest Category 2	H411

The full text of the H statements; see Section 16.

##### 2.2. Label elements;

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008



Hazard Label (SEA) ;

GHS02

GHS07

GHS08

GHS09

Warning word (SEA) : Danger

Hazard Statements (SEA) :

H222 - Highly flammable aerosol .

H229 – Pressured container : May burst if heated.



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H304 - Fatal if inhaled or swallowed.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H411 - Long-lasting toxic effect in aquatic environment.

EUH066 - Repeated exposure may cause dryness and cracking of the skin.

Precautionary Statements (SEA) :

P201 - Read the special instructions before use.

Do not handle unless all precautionary statements have been read and understood .

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

P211 - Do not spray towards flames or other sources of ignition.

P251 - Pressure vessel: Do not puncture or burn, even after use.

P260 - Do not inhale dust/fumes/gas/mist/vapor/spray.

P264 - Wash hands thoroughly with water after handling .

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

P273 - Avoid release to the environment.

P280 Use protective gloves/protective clothing/eye protection/face protection.

P312 - If you feel unwell, call the NATIONAL POISON CONTROL CENTER on 114 or your doctor/physician.

P321 - Special intervention required (see label)

P331 - Do not induce vomiting.

P362 - Remove soiled clothing and wash it before reusing.

P391 - Collect the spills.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

If exposed to or interacting with P308+P313: Seek medical advice/care.

P304+P340 - IF INHALED: Remove the affected person to fresh air and ensure they are in a position where they can breathe easily.

P301+P310 - IF SWALLOWED: Call the National Poison Control Center on 114 or a doctor/physician.

P370+P378 - In case of fire: Use CO2 or dry powder to extinguish.

P405 - Keep in a locked area.

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

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122F.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations (as specified). Indicate whether this applies to the contents, container, or both, as instructed by the manufacturer/supplier or competent authority.

### 2.3. Other damages;

PBT or vPvB substances.

### 3. Information about its composition/ingredients;

#### 3.1. Items;

Not applicable.

#### 3.2. Mixtures

Name of the Substance	CAS Number	EC Number	%	Classification in accordance with the "Regulation on the Classification, Labelling and	Pictograms

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				Packaging of Substances and Mixtures" (SEA), published in the Official Gazette dated December 11, 2013, and numbered 28848 (mükerrer).	
Hydrocarbons , C6, n- alkanes , iso-alkanes , cyclics , n- hexane rich	-	925-292-5	30- 35	Flame. Liquid 2, H225 Asp . Tok. 1, H304 Volume Tah . 2, H315 BHOT TEK MRZ.3,H336 Aquatic Chronicle 2, H411	GHS02 GHS07 GHS08 GHS09 Dangerous
Petroleum gases, liquefied (<0.1% 1,3- butadiene )	68476-85-7	270-704-2	60- 65	Flame. Gas 1, H220 Dissolved Gas, H280	GHS02 GHS04 Dangerous
Silicone	-	-	5-10	Unclassified.	-

The full text of the H statements: see Section 16

#### 4. First aid measures;

##### 4.1. Explanation of first aid measures;

General Information	Seek medical attention if any discomfort persists. Immediately remove contaminated clothing or footwear.
Inhalation	Remove the patient from the danger zone and seek medical assistance. If the patient is unconscious, turn them to their side. Keep the patient warm and allow them to rest. Administer oxygen if breathing is difficult. Perform cardiopulmonary resuscitation (CPR) if cardiac arrest occurs. If H2S or CO inhalation occurs, rescuers should wear breathing apparatus, a harness, and a safety rope, and follow emergency procedures . The victim should be immediately moved to fresh air. If breathing stops, perform artificial respiration. Obtain medical assistance.
Skin contact	Remove all contaminated clothing and footwear. Wash thoroughly before reuse . Wash well with plenty of soap and water.
Eye contact	Immediately rinse with plenty of water for 15 minutes, keeping your eyelids raised. Remove contact lenses if possible. Seek medical attention if irritation occurs.
If swallowed	Do not induce vomiting. Consult your doctor immediately. Lips and mouth may become numb. Do not give anything by mouth to an unconscious patient. Loosen clothing.

##### 4.2. Significant symptoms and effects, both immediate and delayed.

Inhalation	: Dizziness, eye irritation (at high concentrations ) , headache, nausea, intoxication, respiratory irritation , loss of consciousness.
Skin contact	: Skin irritation , erythema , edema, pruritus.
Eye contact	: Conjunctivitis
If swallowed	: Nausea, vomiting, diarrhea, stomach ache. If inhaled during bronchial inhalation, it may cause respiratory distress and lung disease.

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Aspiration : If it is suspected that aspiration has entered the lungs due to vomiting or other means, take the child to the hospital immediately.

#### 4.3. The first signs that require medical intervention and specialized treatment.

If swallowed, it can travel to the lungs and cause pneumonia.

#### 5. Firefighting measures;

##### 5.1. Fire extinguishers

Suitable for : Carbon dioxide, dry chemical, water mist, fire extinguishing foam.  
For large fires: Water spray, water mist, or foam.

Not suitable : Do not use a water jet. Using water with foam can damage the foam.

##### 5.2. Specific hazards arising from the substance or mixture.

Specific exposure hazards : Unknown

Hazardous thermal decomposition products : Combustion can produce carbon monoxide, carbon dioxide, smoke, hydrocarbons, aldehydes, and soot.

##### 5.3. Recommendations for firefighting teams

Special for firefighters. Use protective clothing, including a full-face mask and respiratory support. Cool the outside of containers with water. The product may produce vapors that can explode when mixed with air. It can cause sudden flames. Pouring it down the drain can also cause a fire or explosion.

#### 6. Measures to prevent accidental release;

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

Personal precautions : Avoid sources of ignition. Do not smoke. Wear hydrocarbon protective gloves, goggles, and clothing. Avoid inhaling vapors. Remove unnecessary people. Prevent and isolate access to the hazardous area. Review evacuation needs. Stop the flow if there is no risk. Do not touch spills. Absorb spills with absorbents. Extra precautions should be taken in case of H<sub>2</sub>S or CO formation. Special protective clothing should be worn. Personnel should be trained.

##### 6.2. Environmental measures

Environmental precautions : Prevent spills and spread. Prevent spread into sewers, drainpipes, basements, and enclosed spaces. Vapor suppressants can reduce vapor production. Report spills to authorities if they contaminate streams or sewers.

Other information : Unknown.

##### 6.3. Methods and materials for preservation and cleaning.

Cleaning methods : Absorb small spills with a cloth or cotton ball. Take them to waste collection areas. Ensure adequate ventilation. Avoid sources of ignition and do not smoke. For large spills, use a ditch or collection basin and notify the authorities.

##### 6.4. References to other sections

References to other sections : See also section 8.

#### 7. Handling and storage;

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#### 7.1. Precautions for safe handling

Precautions for safe handling : Handle in well-ventilated areas . Prevent vapors from being released. Do not inhale vapors. Avoid contact with skin and mucous membranes. Handle away from sources of flame . Prevent static electricity buildup. Do not smoke. Do not use compressed oxygen or air during product transfer and pouring. Use in cool, gas-free, and well-ventilated areas. Use a grounding system. Do not spray at pressures higher than 3 bar.

#### 7.2. Conditions for secure storage, including disputes.

Storage conditions : Static electricity buildup must be prevented. Store away from flames and heat sources. Containers and devices must be grounded. Keep containers closed when not in use. Store in a dry, cool, well-ventilated place away from direct sunlight. Store away from oxidizers and strong mineral acids. Store in original packaging. Jacket with inert gas for safe handling .

Recommended packaging : Store in the original packaging.

#### 7.3. Specific end uses

Usage : Use only as directed.

### 8. Exposure control/personal protection;

#### 8.1. Control parameters

Hydrocarbons , C6, n- alkanes , iso-alkanes , cyclics , n- hexane rich

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	93 mg/ m <sup>3</sup>	
Dermal -Systemic Effects	Prolonged exposure	13 mg/kg / day	Neuro toxicity
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	20 mg/ m <sup>3</sup>	Neuro toxicity
Dermal -Systemic Effects	Prolonged exposure	7 mg/kg / day	Neuro toxicity
Oral-Systemic Effects	Prolonged exposure	6 mg/kg / day	Neuro toxicity

Petroleum gases, liquefied (<0.1% 1,3- butadiene )

Observed Effects	Exposure	DNEL	Type of Toxicity
Worker damage limits			
Inhalation - Systemic Effects	Prolonged exposure	2.21 mg/ m <sup>3</sup>	Carcinogenicity
Dermal -Systemic Effects	Prolonged exposure	23.4 mg/kg / day	Carcinogenicity
Damage limits for the general population.			
Inhalation - Systemic Effects	Prolonged exposure	0.066 mg/ m <sup>3</sup>	Carcinogenicity

#### 8.2. Exposure controls

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- Engineering measures : Ensure adequate general and local ventilation. The ventilation system should be regularly maintained and inspected. Observe the exposure limits of the product or content.
- Hygiene precautions : General hygiene rules regarding the use of chemical substances should be applied. Wash your hands during breaks and after work. Keep away from food, drinks, and meals. Remove contaminated clothing and protective equipment before entering eating areas.
- Personal protective equipment : The effectiveness of personal protective equipment depends, among other factors, on temperature and ventilation. Professional advice should be sought depending on the specific situation.
- Body protection : Wear protective clothing, work overalls or suit and similar footwear conforming to EN 365/367, specifically standard 345. Suitable material: nitrile . Insulation time: impermeable.
- Respiratory protection : In well-ventilated areas, no special equipment is required. In poorly ventilated areas, use artificial respiration.
- Hand protection : Wear gloves conforming to EN 374 standard . Suitable material: nitrile .  $\pm$  0.5 mm penetration time: impermeable. Replace gloves as needed.
- Eye protection : Use tightly fitting, chemical-protective goggles or a face shield. If there is a risk of inhalation, use a full-face gas mask.

#### 9. Physical and chemical properties;

##### 9.1. Basic physical and chemical properties

- Physical Appearance : Aerosol  
Color : Transparent  
Scent : Characteristic  
Odor threshold : Unknown  
Flash Point (°C) ( min ) : Unknown  
Boiling Point (°C) ( min ) : Unknown  
Explosion Hazard : Yes  
Density (g/ cm<sup>3</sup>) : 0.7-0.8  
pH : Not specified  
Viscosity ( mPa.s ) : 1-5  
Flash Point : Unknown  
Vapor density : Unknown  
Solubility Feature : Not Soluble

##### 9.2. Other information

No further information available.

#### 10. Stability and reactivity;

##### 10.1. Reaction

Reactivity : There are no known harmful reactive effects.

##### 10.2. Chemical stability

Stability : It is stable under normal conditions.

##### 10.3. Possibility of harmful reactions

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Reactivity : The likelihood of a reaction occurring is high in the presence of oxidizing agents.

#### 10.4. Situations to avoid

Conditions to avoid : Avoid sources of flame such as heat and sparks. Containers may explode or burn fiercely due to excessive pressure when heated . Static electricity buildup must be prevented.

#### 10.5. Substances to avoid

Materials to avoid: Oxidizing agents.

#### 10.6. Harmful decomposition products,

Hazardous decomposition products : Do not decompose if stored and used under appropriate conditions . Products that decompose thermally or are compressed may include: harmful gases and vapors.

### 11. Toxicological information;

#### 11.1. Information about toxic effects

Article	Toxicity Type	Toxicity Zone	Test Animal	Conclusion
Hydrocarbons , C6, n- alkanes , iso- alkanes , cyclics , n- hexane rich	Acute	Oral	Rat/Male	LD 50: >25 ml/kg
		Breathing	Rat/Male	LC 50: 259354 mg/ m <sup>3</sup>
		Dermal	Rabbit/Male	LD 50: >5 ml/ kg
	Irritation	Dermal	Rabbit	None
		Eyelash	Rabbit	None
	Sensibility	Dermal	Mouse	None
	Repeat Dose	Oral	Rat/Male	LOAEL; 37973 mg/kg NOAEL; 1135 mg/kg / day
		Inhalation/Sys-temic	Rat/Female- Male	NOAEC; 2984 ppm (Lung and kidney) LOAEC; 8992 ppm
Genetic		Rat	None	
Reproductive/Dev-elopmental toxicity	Breathing	Rat	NOAEC; 3000 ppm LOAEC; 9000 ppm	
Petroleum gases, liquefied (<0.1% 1,3- butadiene )	Acute	Breathing	Rat/Female- male	LC 50: 800,000 ppm
				EC 50: 280000 ppm
	Repeat Dose	Inhalation/Sys-temic	Rat/Female- Male	No harmful effects have been observed. NOAEC; 19678 mg/ m <sup>3</sup>
	Genetic			None
	Reproductive		Rat/Female- Male	NOAEC: 16000 ppm
	Teratogenicity	Breathing	Rat	NOAEC: 16000 ppm
Carcinogenicity		Rat/Female- Male	NOAEC: 10000 ppm An effect was observed at 17200 mg/m <sup>3</sup> .	

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#### 12. Ecological information;

##### 12.1. Toxicity

	Hydrocarbons , C6, n- alkanes , iso-alkanes , cyclics , n- hexane rich	Petroleum gases, liquefied (<0.1% 1,3- butadiene )
Short-term toxicity (fish)	LL50: 13.37 mg/l (96 hours)	LC50: 49.47 mg/l (96 hours)
Long-term toxicity (fish)	NOELR: 2992 mg/l	-
Short-term toxicity (invertebrates)	LL50: 23.35 mg/l (48 hours)	LC50: 69.43 mg/l (48 hours)
Long-term toxicity (invertebrates)	NOELR: 5224 mg/l (21 days)	-
Toxicity (Algae, cyano) bacteria)	EL50: 9902 mg/l (48 hours)	EC50: 12.32 mg/l (96 hours)
Toxicity (Microorganisms)	EL50: 51.6 mg/l (48 hours)	EL50: 51.6 mg/l (48 hours)

##### 12.2. Persistence and degradability

Persistence : Biodegradable .

##### 12.3. Bioaccumulation potential

Potential for bioaccumulation : There is no known potential for bioaccumulation.

##### 12.4. Mobility in the soil

Mobility : Not applicable.

##### 12.5. Results of PBT and vPvB assessment

PBT/ vPvB values : Does not contain PBT or vPvB substances.

##### 12.6. Other negative effects

Other information : Not applicable.

#### 13. Disposal information;

##### 13.1. Waste processing methods

Product residue : Recyclable container. Do not puncture or burn, even after use. Do not dispose of empty packaging with normal household waste. Containers should be recycled or reused. Product residues, including non-empty packaging, should be treated as chemical waste.

Additional warning : Unknown.

European Waste Catalogue : Dispose of hazardous waste in an official chemical waste storage facility in accordance with Directive 91/689/EEC and under a waste law pursuant to Commission Decision 2000/532/EC.

Local regulations : Waste disposal must comply with applicable regional, national, and local laws and regulations. Local regulations may be stricter than regional and national requirements and must be complied with.

#### 14. Transportation information;

14.1. UN Number : UN 1950

14.2. Appropriate UN shipping name

Proper shipping name : 1950 Aerosols, flammable.

Proper shipping name (IMDG, IATA) : 1950 AEROSOLLER, flammable

14.3. Transportation hazard class( es) : 2 (ADR/RID/ADN/IMDG/IATA)

Classification Code : 5F (ADR/RID/ADN)

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Hazard Label : 2.1

**14.4. Packaging group** : None

**14.5. Environmental damage**

Marine pollutant : YES

**14.6. Special measures for the user**

Unless otherwise stated, measures applicable to safe transport will be taken.

IATA Cargo Aircraft: 203

IMDG - Technical name: Aerosol

IMDG Page: F -D, SU

**14.7. Public transport according to MARPOL 73/78 Annex II and IBC code.**

Marpol : As per the instructions above, it is not a hazardous product.

**15. Knowledge of legislation;**

**15.1. Specific safety, health and environmental regulations for the substance or mixture.**

**National Legislation**

- Turkish Ministry of Environment and Urbanization, Regulation No. 28848, dated December 11, 2013, on the Classification, Labelling and Packaging of Substances and Mixtures.
- Turkish Ministry of Environment and Urbanization, Waste Management Regulation, dated April 2, 2015, numbered 29314.
- Turkish Ministry of Labour and Social Security, Regulation No. 28733 dated August 12, 2013, on Health and Safety Measures in Work with Chemical Substances.
- Turkish Ministry of Labour and Social Security, Regulation No. 28695 dated July 2, 2013, on the Use of Personal Protective Equipment in Workplaces.
- Turkish Ministry of Labour and Social Security, Occupational Health and Safety Law No. 6331, dated June 30, 2012.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**16. Other information;**

**Abbreviations**

Flammable Liquid 2 : Flammable Liquid, Hazard Category 2.

Reproductive System Toxic , Hazard Category 2

Reproductive System Toxic , Hazard Category 1A

BHOT TEK. MRZ 3 : Specific Target Organ Toxicity - Single Exposure , Category 3

Asp.Tok . 1 : Aspiration Toxicity , Hazard Category 1

BHOT Tek. MRZ.2 : Specific Target Organ Toxicity - Repeated Exposure , Category 2

Skin Irrit . 2 : Skin Irritation, Hazard Category 2



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LD50 : The dose of a substance that causes 50% (half) death in the test animal group (Median Lethal Dose)

LC 50 : Concentration of a substance causing 50% (half) mortality in a test animal group.

ADR : European Agreement concerning the international carriage of dangerous goods by road.

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

ADN : European Agreement concerning the international carriage of dangerous goods by inland waterways

RID : European Agreement concerning the international carriage of dangerous goods by rail.

Merpol 73/78 : International Convention for the Prevention of Pollution from Ships, 1973, as amended by Protocol 1978. IBC: International Code for the Construction and Equipment of Ships Carrying Dangerous Bulk Chemicals (International Bulk Chemicals Code)

WEL : Workplace Exposure Limit

TWA : Workplace Exposure Limits

STEL : Short-Term Exposure Limit

EC No : European Community Number

CAS : Service for Chemical Theories

PBT : Persistent, Bioaccumulative , and Toxic Substance.

vPvB : Very Persistent, Highly Bioaccumulative

DNEL : Derived Effect Unobserved Time

Va : Body weight

Certificate Number: TÜV/11.302.03

Certificate Expiration Date: 05.11.2030

### LEGAL NOTICE (DISCLAIMER)

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