

Issue Date: May 16, 2025

## Safety Data Sheet

### 1. Identification

Product Name: Silicone Varnish Spray NET. 300ml  
Product Code: FC-111

Manufacturer Name: FINECHEMICAL JAPAN CO.,LTD.  
Address: 1-15-3 Fukuzumi, Koto-ku, Tokyo, Japan  
TEL: 03-3643-8877  
FAX: 03-3643-8890

Recommended use of the chemical and restrictions on use: Silicone coating spray. For professional use.

### 2. Hazards Identification

#### GHS Classification

Physical Hazards:	Aerosols	Category 1
Health Hazards:	Acute toxicity (inhalation: vapour)	Category 4
	Skin Corrosion/Irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 1A
	Specific target organ toxicity (single exposure)	Category 1 (Central nervous system) Category 2 (Kidneys, Liver, Respiratory system) Category 3 (Narcotic effects)
	Specific target organ toxicity (repeated exposure)	Category 1 (Kidneys, Nervous system) Category 2 (Respiratory organs)
Environmental Hazards:	Acute aquatic hazard	Category 2
	Long-term aquatic hazard	Category 2

\*Other hazards are not classified, not applicable or classification not possible.

#### GHS Label Elements

Symbol:



Signal word:

Danger

Hazard Statement:

Extremely flammable aerosol  
Pressurized container: may burst if heated  
Causes skin irritation  
Causes serious eye irritation  
Harmful if inhaled  
May cause drowsiness or dizziness  
Suspected of causing cancer  
May damage fertility or the unborn child  
May cause harm to breast-fed children  
Causes damage to organs  
May cause damage to organs  
Causes damage to organs through prolonged or repeated exposure  
May cause damage to organs through prolonged or repeated exposure  
Toxic to aquatic life  
Harmful to aquatic life with long lasting effects

**3. Composition/Information on ingredients:**

Substance/Mixture	Mixture		
Ingredient	Weight %	CAS No.	
Silicone resin	17.2	---	Contains Octamethylcyclotetrasiloxane (CAS No.556-67-2) up to 0.3%
Toluene	14.8	108-88-3	
Xylene	9.6	1330-20-7	
Ethylbenzene	7.6	100-41-4	
Dimethylether	50.8	115-10-6	
Total	100.0		

**4. First – aid measures:**

IIF ON SKIN: Wash with plenty of water and soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice.

Call a doctor if you feel unwell.

Get medical advice if you feel unwell.

If skin irritation occurs: Get medical advice.

If eye irritation persists: Get medical advice.

Take off contaminated clothing and wash it before reuse.

**5. Fire Fighting Measures**

Extinguishing Media:

Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher.

Specific hazards arising from the chemical:

Flammable liquid and vapor.

**6. Accidental Release Measures**

Wear appropriate protective clothing.

Remove ignition sources.

Avoid release to the environment.

**7. Handling and Storage**

Handling:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Avoid contact during pregnancy/while nursing.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

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

Storage:

Store in a well-ventilated place. Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 40°C.

**8. Exposure Controls/Personal Protection**

ACGIH (TLV-TWA)	Toluene:20ppm, Xylene:100ppm, Ethylbenzene:100ppm
Engineering Controls:	Use adequate general and local exhaust ventilation to maintain exposure levels below that exposure limits.
Personal Protection:	
Skin Protection:	Wear chemical resistant gloves.
Eye Protection:	Safety goggles recommended where eye contact is possible.
Work/Hygiene Practices:	Wash with soap and water after handling.

**9. Physical and Chemical Properties**

Appearance	Clear liquid
Odor	Organic solvent odor.
Boiling point	-24.8°C~144°C
Flash point	Propellant -42°C, Base liquid 4°C
Explosion limit	Lower 1.0% / Upper 27%
Pressure	0.41MPa (25°C)
Density	0.79 (20°C)

**10. Stability and Reactivity**

Stability:	Stable under normal conditions of storage and use.
Possibility of hazardous reactions:	React with strong oxidizing agents.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatibilities::	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

**11. Toxicological information**

Acute toxicity:	
Acute Oral toxicity:	Not classified or classification not possible.
Acute Dermal toxicity:	Not classified or classification not possible.
Acute Inhalation toxicity:	(inhalation: vapour) The mixture is classified as Category 4.
Irritation/Corrosion:	The mixture is classified as Category 2
Eye damage/Irritation:	The mixture is classified as Category 2A
Sensitization-Respiratory:	Not classified or classification not possible.
Germ cell mutagenicity:	Not classified or classification not possible.
Carcinogenicity:	The mixture is classified as Category 2
Toxic to reproduction:	The mixture is classified as Category 2A
Specific target organ toxicity (Single exposure)	The mixture is classified as Category 1 (Central nervous system), Category 2 (Kidneys, Liver, Respiratory system), Category 3 (Narcotic effects)
Specific target organ toxicity (Repeated exposure)	The mixture is classified as Category 1 (Kidneys, Nervous system), Category 2 (Respiratory organs)
Aspiration hazard:	Not classified or classification not possible.

**12. Ecological Information**

Hazardous to the aquatic environment	The mixture is classified as Category 2
Acute hazard	
Hazardous to the aquatic environment	The mixture is classified as Category 3
Long term hazard	

**13. Disposal Considerations**

Make sure containers are empty before discarding.  
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information**

UN Number:	1950
Proper Shipping Name	AEROSOLS, FLAMMABLE
UN Class	CLASS 2.1

**15. Regulatory Information**

Follow all regulations in your country or region.

**16. Other Information****Notice to reader**

The information contained herein is based on all the information and data that we can obtain as of the date issued. However we do not give guarantee regarding the contents, physical or chemical properties, hazards or harm. All remarks and precautions are premised on ordinary handling and it is the user's responsibility to take enough considerations in case of particular use.