

SDS No.: TTFESE-7

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Issue Date: February 18, 2016

## Safety Data Sheet

### 1. Identification

Product Name: FINE HEAT RESISTANT TFE COAT SPRAY NET.420ml  
 Product Code: FC-103  
 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: Release agent and dry lubricant. 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
	Reproductive toxicity	Category 2
	Specific target organ toxicity (single exposure)	Category 1(Central nervous system, Kidneys, Systemic toxicity), Category 3 (Respiratory tract irritant)
	Specific target organ toxicity (repeated exposure)	Category 1 (Nervous system), Category 2(Blood vessels, Liver, Spleen)

\*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 respiratory irritation  
 Suspected of damaging fertility or the unborn child  
 Causes damage to organs  
 Causes damage to organs through prolonged or repeated exposure  
 May cause damage to organs through prolonged or repeated exposure

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

Substance/Mixture	Mixture		
Ingredient	Weight %	CAS No.	
Poly-TFE, Omega-Hydro-Alpha- (Methylcyclohexyl)	1.5	65530-86-0	
Polytetrafluoroethylene powder	0.6	9002-84-0	
Bis-allyl-nadi-imide	1.1	91865-54-2	
Methyl ethyl ketone	33.7	78-93-3	
Isopropyl alcohol	6.4	67-63-0	
Propylene glycol monomethylether acetate	2.3	108-65-6	
Dimethylether	54.4	115-10-6	
	Total	100.0	

**4. First - aid measures:**

IF 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:  
 Unsuitable extinguishing media:  
 Specific hazards arising from the chemical:

Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).  
 Do not use water jet as an extinguisher.  
 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.  
 Wash hands thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 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.

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**8. Exposure Controls/Personal Protection**

ACGIH (TLV-TWA)	Methyl ethyl ketone:200ppm, Isopropyl alcohol:200ppm
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	Milk-white color liquid
Odor	Organic solvent odor.
Boiling point	-24.8°C ~ 156°C
Flash point	Propellant -42°C, Base liquid -9°C
Explosion limit	Lower 1.2% / Upper 27%
Pressure	0.45MPa (25°C)
Density	0.73 (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:	Hydrofluoric acid, potentially toxic fluorinated compounds, 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:	Not classified or classification not possible.
Toxic to reproduction:	The mixture is classified as Category 2.
Specific target organ toxicity (Single exposure)	The mixture is classified as Category 1 (Central nervous system, Kidneys, Systemic toxicity), Category 3 (Respiratory tract irritancy)
Specific target organ toxicity (Repeated exposure)	The mixture is classified as Category 1 (Nervous system), Category 2 (Blood vessels, Liver, Spleen)
Aspiration hazard:	Not classified or classification not possible.

**12. Ecological Information**

Hazardous to the aquatic environment	Not classified or classification not possible.
Acute hazard	
Hazardous to the aquatic environment	Not classified or classification not possible.
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.

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**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.