

Issue Date: May 30, 2023

## Safety Data Sheet

### 1. Identification

Product Name:	NEW TFE COAT LIQUID NET. 4L	Product Code: FC-102-4
	NEW TFE COAT LIQUID NET. 18L	Product Code: FC-102-18

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: Dry lubricant. For professional use.

### 2. Hazards Identification

#### GHS Classification

Physical Hazards:	Flammable liquids	Category 2
Health Hazards:	Acute toxicity (inhalation: vapour)	Category 4
	Skin Corrosion/Irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity	Category 1A
	Additional category for effects on or via lactation	
	Specific target organ toxicity (single exposure)	Category 1 (Nervous system, Kidneys, Systemic toxicity)
		Category 3 (Respiratory tract irritancy, Narcotic effects)
	Specific target organ toxicity (repeated exposure)	Category 1 (Central nervous system, Kidneys)
		Category 2 (Spleen, Blood vessels, Liver)
		Aspiration hazard
Environmental Hazards:	Acute aquatic hazard	Category 2
	Long-term aquatic hazard	Category 3

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

#### GHS Label Elements

Symbol:



Signal word:

Danger

Hazard Statement:

Highly flammable liquid and vapour  
 May be fatal if swallowed and enters airways  
 Causes skin irritation  
 Causes serious eye irritation  
 Harmful if inhaled  
 May cause respiratory irritation  
 May cause drowsiness or dizziness  
 May damage fertility or the unborn child  
 May cause harm to breast-fed children  
 Causes 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	Weight %	CAS No.	
Ingredient				
Polytetrafluoroethylene resin		4.5	9002-84-0	
Cellulosic resin		6.0	---	
Toluene		30.0	108-88-3	
Isopropyl alcohol		32.5	67-63-0	
Propylene glycol monomethylether acetate		10.0	108-65-6	
Methylacetate		8.5	79-20-9	
Isopropylacetate		8.5	108-21-4	
	Total	100.0		

**4. First – aid measures:**

IF SWALLOWED: Immediately call a doctor.

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

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

Get medical advice if you feel unwell.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice.

If eye irritation persists: Get medical advice.

Take off contaminated clothing and wash it before reuse.

In case of fire: Use Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>) to extinguish.

**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.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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, Isopropyl alcohol:200ppm, Methylacetate:200ppm,  
Isopropylacetate: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 Milk-white color liquid.

Odor Organic solvent odor.

Boiling point 57°C ~ 146°C

Flash point 4°C

Explosion limit Lower 1.2 % / Upper 16.0 %

Density 0.88 (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 1A.

Specific target organ toxicity (Single exposure) The mixture is classified as Category 1 (Nervous system, Kidneys, Systemic toxicity), Category 3 (Respiratory tract irritancy, Narcotic effects)

Specific target organ toxicity (Repeated exposure) The mixture is classified as Category 1 (Central nervous system, Kidneys), Category 2 (Spleen, Blood vessels, Liver)

Aspiration hazard: The mixture is classified as Category 1.

## 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**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information**

UN Number:	UN1263
Proper Shipping Name	PAINT
UN Class	CLASS 3
Packing Group	II

**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.