

SAFETY DATA SHEET



MJ-102

Version 4.0

Revision Date 2016/06/30

Document no. 130000126051

This SDS adheres to the standards and regulatory requirements of Japan and may not meet the regulatory requirements in other countries.

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

Product name : MJ-102

Supplier's details

Company : Chemours Kabushiki Kaisha
Street address : Kamiyacho Prime Place, 4-1-17, Toranomon, Minato-ku, Tokyo
Telephone : 050-3823-0500
Telefax : 03-6450-1535

Emergency telephone number : 0120 081167

Recommended use of the chemical and restriction on use

Recommended use : Non-stick finish for professional use
Restrictions on use : Do not use in medical applications involving permanent implantation in the human body. See Section 16

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2. HAZARDS IDENTIFICATION

GHS-Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Endpoints which are not classified, cannot be classified or are not applicable are not shown.

Other hazards which do not result in classification or are not covered by the GHS

The thermal decomposition vapours of fluorinated plastics may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Substance

Common name : MJ-102

Components

Chemical Name	CAS-No.	Concentration	ENCS/ISHL number
Fluoropolymer	Not disclosed	100 %	Not disclosed

4. FIRST AID MEASURES

When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person.

Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

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Skin contact	: Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.
Eye contact	: Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label.
Most important symptoms/effects, acute and delayed	: No information available.
Protection of first-aiders	: No information available.
Notes to physician	: No information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water spray, Dry chemical
Specific hazards	: Fire will produce dense black smoke containing hazardous combustion products (see section 10). Exposure to decomposition products may be a hazard to health.
Special protective equipment for firefighters	: Full protective flameproof clothing Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	: No information available.
Specific methods	: Do not allow run-off from fire fighting to enter drains or water courses. Cool containers/tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Ventilate the area. Avoid breathing dust. Remove all sources of ignition.
Environmental precautions	: Do not discharge to streams, ponds, lakes or sewers. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	: Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. Clean with detergents. Avoid solvents.

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	: Smoking, eating and drinking should be prohibited in the application area. Wash thoroughly after handling. Wash hands before eating, drinking, or smoking.
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Local exhaust ventilation / adequate ventilation : No information available.

Precautions for safe handling : Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Keep away from open flames, hot surfaces and sources of ignition. Dust may form explosive mixture in air. Avoid formation of dust and aerosols.

Hygiene measures : Do not breathe dust. Avoid contact with skin, eyes and clothing.

Storage

Suitable storage conditions : Observe label precautions. Close container after each use. Never use pressure to empty. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage: Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Suitable container and packaging materials for safe storage : No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No information available.

Engineering measures : Provide appropriate exhaust ventilation at places where dust is formed. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Biological Limits : No information available.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In case of insufficient ventilation, wear suitable respiratory equipment. In the case of respirable dust, use self-contained breathing apparatus.

Hand protection : Wear approved gloves that are suitable for the task and have been shown to be impervious for the duration of their use.

Eye protection : Wear safety glasses or coverall chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

Protective measures : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Physical state, form, colour, etc.)

Physical state : solid
Form : solid
Colour : white

Odour : No information available.

Odour Threshold : No information available.

pH : No information available.

Melting point/freezing point

No information available.

Boiling point, initial boiling point and boiling range

No information available.

Flash point : No Measurable Flashpoint

Evaporation rate : No information available.

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits

Upper explosion limit : No information available.
Lower explosion limit : No information available.

Vapour pressure : No information available.

Vapour density : No information available.

Density

Density : 2.1500 g/cm³
Specific gravity : See Density
(Relative density)

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No information available.

Auto-ignition temperature

No information available.

Decomposition temperature : No information available.

Viscosity (coefficient of viscosity)

Viscosity, kinematic : No information available.
Viscosity, dynamic : no data available

Molecular weight : No information available.

10. STABILITY AND REACTIVITY

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Reactivity	: Stable
Chemical stability	: No information available.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: Stable at normal temperatures and storage conditions.
Materials to avoid	: None reasonably foreseeable.
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as; Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), dense black smoke.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No information available.

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitisation

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

Specific Target Organ Toxicity

No information available.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

No information available.

Persistence and degradability

No information available.

Bioaccumulation

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No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal regulatory information : Dispose in accordance with the Waste Disposal and Public Cleaning Law (Enforcement Ordinance, Section 6). When consigning for disposal, do so after signing a contract with a (specially controlled) industrial waste disposer approved by the local authority.

Waste disposal methods : Dispose of in accordance with local regulations.

Contaminated packaging : When disposing of empty containers, completely remove the content, and dispose of it in accordance with the Waste Disposal and Public Cleaning Law (Enforcement Ordinance, Section 6) in the same manner as with residual wastes. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

International transport regulations : Not classified as dangerous in the meaning of transport regulations.

UN DG classification : Not applicable

UN number : Not applicable

Domestic transport regulations : Not applicable

Additional regulations : Not applicable

Matters needing attention for transportation : Not applicable

Emergency Response : Not applicable

Guidebook Number

15. REGULATORY INFORMATION

No major statutes concerning chemical substances are applicable in Japan.

16. OTHER INFORMATION

References

SDS Number: 130000126051

Contact department/person for inquiry

Responsible : See Section 1

Department

Revision Date/Version

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