

Material Safety Data Sheet

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REF No.: 00339

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FUSSO COAT F7 Dark & Metallic

Ingredient

Name	wt%	Formula	Cas No.
Mineral spirits	80-90	-	64742-82-1
Xylene	1.2	-	1330-20-7
1,2,4-Trimethylbenzene	1.9	-	95-63-6
Nonane	<9	-	111-84-2
Ethyl benzene	<1	-	100-41-4
Solid Paraffin	1-5	-	8002-74-2

Hazardous identification:

GHS classification:

Flammable liquid	Category 3
Target Organ Systemic Toxicity - Single Exposure	Category 3
Aspiration Hazard	Category 1
Acute Aquatic Toxicity	Category 2
Chronic Aquatic Toxicity	Category 2

GHS label elements



Hazard and toxicity information:

Flammable liquid and vapor
 Causes skin irritation.
 May damage fertility or the unborn child.
 May bring irritation on respiratory organ, and cause drowsiness or dizziness
 May be fatal if swallowed and enters airways.

Precaution: [safety measure]

Do not breathe dusts / smoke / gases / mists / vapors / spray.
 Use in well-ventilated area away from all ignition sources.
 Wash thoroughly after handling.
 Wear protective gloves.

[Emergency treatment]

In case of inhalation, remove the victim to fresh air area and keep him quiet.
 If respiratory irritation persists, seek medical attention.
 In case of ingestion, immediately flush out mouth. Do not induce vomiting
 In case of eye contact, immediately flush eyes with plenty of water for several minutes.
 If eye irritation persists, seek medical attention.
 If attached to skin (or hair), immediately put off all polluted clothes and flush out skin.
 When raised the concern of exposure, seek medical attention.
 Take appropriate fire extinction measure.
 Recover the leakage.

[Storage]

Store in cool and well ventilated area.

Tighten well a seal of the container.

First aid measures:

In case of inhalation in large doses:

When feeling sick, remove the victim to fresh air area and keep him quiet. Seek medical attention.

When triggered vomiting by respiring, turn head aside.

When feeling drowsiness or dizziness, remove the victim to fresh air area and keep him quiet.

In case of respiratory failure, give rescue breathing or respirator.

May bring a lagged influence of inhalation.

In case attached to skin:

Immediately flush out with water and wash carefully polluted part using soap.

In case the cloth still sticks to skin after washing, do not induce removing.

Wash polluted cloth before putting on again.

Be in danger of bringing on skin problems if washed too late or imperfectly.

If it reaches the eyes:

Immediately flush eyes with plenty of water for at least 15 min while holding eyelids open.

If eye irritation persists, seek medical attention.

In case irritation is serious, immediately have medical check.

In case of ingestion:

Immediately wash inside of mouth with plenty water.

Seek medical attention soon.

Do not induce vomiting.

Most important diagnostic and symptom:

Nothing special

Protection for a person who provides emergent measures:

Nothing special

Notes to Physician:

Nothing special

Fire fighting measures:

Extinguishing media:

Powder, foam, carbon dioxide, sand.

Specific hazard and toxicity when fire:

Combustion gas contains toxic gas like carbon monoxide system, nitrogen oxide system gas and so on.

Be careful not to inhale the smoke when firefighting.

Procedures:

Extinguish the fire from the windward.

Remove outsiders to safe place.

In case of fire in the surrounding area, immediately remove containers to safe place.

In order to prevent the temperature elevation of equipment around fire by radiation heat, cool down it by water spray.

Protection for a person who extinguish fire:

Wear protective gloves, goggles and mask.

Extinguish the fire from the windward for avoiding inhalation of poisonous gas.

Measures against spill and leak:

Precaution for human body, Protection media, and Emergency measure:

In case of leakage indoors, provide adequate ventilation till the disposal is completed.

When coping the aftermath of leakage, wear protective gloves, goggles and mask without fail.

Keep outsiders away from leakage area.

In case of leakage, put on protective equipment and avoid attaching splash to skin, or inhalation of gas.

For ignition, prepare fire-extinguisher.

Leakage area is slippery, so be careful with it.

Take care so that this product doesn't pollute the environment by leakage flowing into rivers.

After recovery of the leakage, absorb residue by using sand or sawdust.

Wear suitable protective equipment. Spill should be collected into a container, which can be tightly closed. Avoid sparks, use plastic made tools when collecting spill.

Handling precaution:

Heed the label warnings, and use this product only for proper purpose.

Keep away from ignition source such as, sparkle, naked flame, high-temperature material.

Keep the container grounded.

Take preventive measures against electrostatic discharge.

Use explosion-proof electrical equipment, ventilating device, lighting device.

Avoid inhalation of mine dust, smoke, gas, mist, vapor, and spray.

Do not eat and drink, or smoke while handling this product.

Wash well hands after handling this product.

Tighten well a seal of the container.

Exposure controls / personal protection:

Measures for facilities:

In case vapor, smoke or mist comes out, set up local ventilation equipment.

In case of indoor use, set up local ventilation equipment.

In poorly-ventilated area, or place where vapor comes out well, set up local ventilation equipment.

Permissible Exposure Limit:	ACGIH	
	Threshold Limit Value - TWA	Threshold Limit Value - STEL
Mineral spirits	350mg/m ³	-
Xylene	100ppm	150ppm
1,2,4-Trimethylbenzene	25ppm	-
Nonane	200ppm	-
Ethyl benzene	100ppm	125ppm
Solid Paraffin	2mg/m ³	-

Protection:

Put on protective mask. If needed, use antidust mask, chemical-cartridge mask or gas mask for organic solvent.

Wear protective glove. If needed, use solvent resistant glove, or vinyl glove.

If needed, put on protective cloth, or protective apron.

If needed, put on protective glasses.

Physical and chemical properties:

Physical form: Liquid

Density: 0.8 (at 25°C)

Color and odor: light yellow, solvent odor

pH: -

Boiling point: 150-200°C

Vapor Pressure: -

Information about dangers:

Flash point: 42°C

Reactivity: Should avoid contact with strong oxidant.

Ignition point: 230°C

Explosion point: Lower 0.6 vol%, Upper 7.0 vol%

Stability: Very stable

Flammability: Yes

Toxicological information:

Toxicological information as a whole product:

Acute toxicity:	Mineral spirits : LD50 > 5,000 mg/kg by RAT (oral)
	Xylene : LD50 3,500 mg/kg by RAT (oral)
	1,2,4-Trimethylbenzene : LD50 8,970 mg/kg by RAT (oral)
	Ethyl benzene : LD50 3,500 mg/kg by RAT (oral)
	Solid Paraffin : LD50 > 5,000 mg/kg by RAT (oral)
	Mineral spirits : LD50 > 3,160 mg/kg by RAT (skin)
	Xylene : LD50 > 4,350 mg/kg by RABBIT (skin)
	Ethyl benzene : LD50 15,400 mg/kg by RABBIT (skin)
	Solid Paraffin : LD50 > 3,600 mg/kg by RABBIT (skin)
	Xylene : LD50 29.08 mg/L/4H by RAT (inhalatic)
	Nonane : LD50 16.75 mg/L/4H by RAT (inhalatic)
	Ethyl benzene : LD50 17.2 mg/L by RAT (inhalation)
Skin corrosively / irritation :	No data
Serious eye damage / eye irritation :	No data
Respiratory or skin sensitization :	No data
Germ cell mutagenicity :	No data
Carcinogenicity :	No data
Reproductive toxicity :	No data
Specific target organ systemic toxicity - Single exposure :	May bring irritation on respiratory organ, and cause drowsiness or dizziness.
Specific target organ systemic toxicity - Repeated exposure :	No data
Aspiration hazard :	May be fatal if swallowed and enters airways.

Ecological Information:

Toxicological information as a whole product:

Toxicity against aquatic environment (acute):	Xylene : LC50 3.3mg/L/96h
	1,2,4-Trimethylbenzene : LC50 5400µg/L/96h
	Ethyl benzene : LC50 0.4mg/L

Toxicity against aquatic environment (chronic): No data

Disposal considerations:

Discharge, treatment, or disposal may be subject to national, state, or local laws.

Transport information:

International regulation :

UN classification :	flammable liquid non-toxic class 3
UN number :	flammable liquid 1993

Specific safety measure and condition of transportation:

- In case of heaping up, the total height should not be exceed 3m.
- "Keep Fire Away."
- Be sure that the container has no crack, and no leakage.
- Ensure avoiding collapse of cargo.
- All transportation such as land, maritime, and air should be in compliance with each regulation.
- Avoid direct sunlight.
- Water leakage must be avoided.
- Do not lay down.
- Under hot temperature, don't put container onto hot ground surface or iron plate.
- Handle the container carefully, not to give a shock. Don't slam or overturn it.

Other information:

Guideline of Material Safety Data Sheet by Association of Japan Auto Chemical Industry.

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.