

Safety Data Sheet

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REF No.: 02015

Tire Black Wax

COMPOSITION/INFORMATION ON INGREDIENTS

Name	wt%	Formula	Cas No.
XYLENE	0.9	-	1330-20-7
MINERAL SPIRITS	65-70	-	64742-88-7
SILICONE	Non-Disclosure	-	Non-Disclosure
WAX	Non-Disclosure	-	Non-Disclosure
CARBON BLACK	1-3	-	1333-86-4

HAZARD IDENTIFICATION

GHS classification:

Flammable solid	Category 1
Acute Toxicity (Oral)	-
Skin corrosive / irritation	Category 2
Serious eye damage / Eye Irritation	Category 2A
Carcinogenicity	-
Reproductive Toxicity	Category 1B
Specific target organ systemic toxicity - Single exposure	Category 1 (Respiratory organs, liver, central nervous system, kidney)
Specific target organ systemic toxicity - Repeated exposure	Category 1 (Respiratory organs, nervous system)
Aspiration hazard	Category 1
Acute Aquatic Toxicity	-
Chronic Aquatic Toxicity	-

GHS label elements



Hazard and toxicity information:

Flammable solid
 Severe eye irritation
 Skin irritation
 May bring damage on reproductive function or unborn baby
 Organ damage. (Respiratory organs, liver, central nervous system, kidney)
 Long-term or repeated exposure may cause respiratory organs and nervous system damage.
 Harmful or fatal if swallowed and get into the respiratory tract.

Precaution: [Safety measures]

Get the instruction before use.

Do not handle this product before you read all the safety precautions and understand it.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Wear protective gloves, goggles and masks.
 Use explosion-proof electrical equipment, ventilating device, lighting device.
 Do not eat and drink before using this product.
 Avoid inhalation of mine dust, smoke, gas, mist, vapor, and spray.
 Wash hands well after handling this product.

[First aid measures]

Take appropriate fire extinction measure.

Skin contact: Clean affected area thoroughly with soap and large amounts of water.

If skin irritation occurs, seek medical attention.

Remove contaminated clothing and wash them before wearing them again.

Eye contact: Carefully flush eyes with water for several minutes. If easily accomplished, check for and remove contact lens. Keep flushing eyes afterward.

If irritation persists, seek medical attention.

Exposure: Seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Seek medical attention immediately.

[Storage]

Store in cool and well-ventilated area.

Keep container tightly closed.

[Disposal]

Consign a qualified industrial waste treatment firm by a prefectural governor.

FIRST AID MEASURES

Eye contact: Flush eyes with cool, clean, low-pressure water for at least 15 minutes, and seek immediate medical attention.

Skin contact: Immediately flush affected area with water and clean it thoroughly with soap.

Ingestion: Rinse mouth with water.
 Seek medical attention immediately.
 Do not induce vomiting.

Inhalation: Remove the victim to fresh air area, cover him with a blanket and keep him quiet.
 Seek medical attention, if needed.

FIRE FIGHTING MEASURES

Extinguishing media:

Fire-extinguishing chemicals (Dry chemicals, carbon gas, foam)

Specific methods of fire-fighting:

Wear proper protective mask and extinguish the fire from the windward side.

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

In order to prevent the temperature elevation of equipment around fire by radiation heat,

ACCIDENTAL RELEASE MEASURES

- Wear suitable protective equipment such as protective mask, gloves, goggles and apron during cleanup operation.
- Transfer to appropriate waste containers, which can be tightly closed.

- Immediately Isolate from any source of heat or ignition and combustible materials.
- Prepare proper fire-extinguisher for accidental ignition.
- Use non-sparking tools.

HANDLING AND STORAGE

Handling: Keep away from ignition source such as, sparkle, naked flame, high-temperature material.
Use in a well-ventilated area.
Keep container tightly closed as needed.

Storage: Avoid direct sunlight.
Store in well ventilated area.
Keep away from ignition source such as, sparkle, naked flame, high-temperature material.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment: Provide local exhaust ventilation in poorly-ventilated area, or place where vapor easily occurs
Occupational Exposure Guidelines:

	ACGIH	
	Threshold Limit Value - TWA	Threshold Limit Value - STEL
Xylene	100ppm A3	150ppm A4

Personal Protective Equipment:

Respiratory Protection: Wear protective mask as needed.
Hand Protection: Wear protective gloves, solvent resistant gloves or vinyl gloves as needed.
Eye Protection: Wear protective glasses, goggles or mask as needed.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Color: Black
Boiling Range: 150-200°C
Auto Ignition Temperature/Point: 230°C
Flammable or Explosive Range: 0.6-6.5 vol%
Specific Gravity : - (at 25°C)
Solubility in Water: Insoluble

STABILITY AND REACTIVITY

Chemical Stability: YES
Flash point: 42°C
Flammability: YES
Conditions to Avoid: Keep away from strong oxidizer.
Hazardous Decomposition Products: None
Other: None

TOXICOLOGICAL INFORMATION

Skin corrosion / irritation: Skin irritation (Category 2)
Serious eye damage / irritation: Eye irritation (Category 2A)
Acute toxicity: XYLENE: LD50 3500mg/kg by Rat (oral)
MINERAL SPIRITS: LD50 5000 mg/kg by Rat (oral)
Germ cell mutagenicity : N/A
Carcinogenicity : N/A
Reproductive toxicity : May bring damage on reproductive function or unborn baby.
(Category 1B).
Specific target organ systemic toxicity - Single exposure : Respiratory organs, liver, central nervous system, kidney damage.

(Category 1).
 Specific target organ systemic toxicity - Repeated exposure : Long-term or repeated exposure may cause respiratory organs and nervous system damage.(Category 1).
 Aspiration hazard : May cause internal bleeding in lung, pulmonary edema, chemical pneumonitis, etc.
 Harmful or fatal if swallowed and get into the respiratory tract.
 (Category 1).

ECOLOGICAL INFORMATION

Toxicological information as a whole product:

Aquatic environmental toxicity: Fish (Rainbow trout)	LC50 3.3 mg/L/95H
Crustacea	No data
Algae	No data

DISPOSAL CONSIDERATIONS

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TRANSPORT INFORMATION

Keep away from fire.
 Safety measure and condition of transportation should be in compliance with general precautions.
 Prevent cargo collapse.
 No Lay Down.
 Prevent temperature rise from the container and keep it under 40°C.
 Handle the container carefully, not to give a shock. Don't slam or overturn it.
 UN number : 3175

REGULATORY INFORMATION

Fire Services Act:	Designated designated combustible material (Flammable solid)
Ordinance On Prevention of Organic Solvent Poisoning:	Type 3 Organic Solvent
Industrial Safety and Health Law:	Contains notifiable substances.
PRTR:	N/A

OTHER INFORMANTION

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.