

Safety Data Sheet

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The King of Gloss White

COMPOSITION/INFORMATION ON INGREDIENTS

(Name)	(wt%)	(Formula)	(Cas No.)
Mineral spirits	35-40	-	64742-88-7
Kerosene	5-10	-	8008-20-6
Xylene	0.61	-	1330-20-7
1,2,4-Trimethylbenzene	0.88	-	95-63-6
Nonane	<4	-	111-84-2
Ethylbenzene	<0.4	-	100-41-4
Abrasive	10-15	-	Non-disclosure
Water	25-30	-	7732-18-5

HAZARD IDENTIFICATION

GHS classification:

Skin irritation	Category 2
Carcinogenicity	Category 2
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:

Skin irritation.
May cause cancer.
May bring irritation on respiratory organ, and cause drowsiness or dizziness
May be fatal if swallowed and enters airways.
Harmful to aquatic organisms.
Long-term or repeated adverse effect causes strong toxic to aquatic organisms.

Precaution: [Safety Measures]

Do not handle this product before you read all the safety precautions and understand it.
Keep away from naked flame and other ignition sources.---NO SMOKING!
Keep the container grounded.
Use explosion-proof electrical equipment, ventilating device, lighting device.
Avoid inhalation of mine dust, smoke, gas, mist, vapor, and spray.
Avoid emission in environment.
Wash hands well after handling this product.
Wear protective gloves and goggles/masks.

[First Aid Measures]

Ingestion: Do not induce vomiting. Seek medical attention immediately.

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.

Skin (hair) contact: Immediately remove contaminated clothing and flush skin with plenty of water and soap.
If skin irritation develops, seek medical attention.
Wash contaminated clothes before wearing them again.

Exposure: Seek medical attention.
Remove spillage.

[Storage]

Store in cool and well-ventilated area.
Keep container tightly closed.

[Disposal]

Discharge, treatment, or disposal may be subject to national, state, or local laws.
Consign a qualified industrial waste treatment firm by a prefectural governor.

FIRST AID MEASURES

Inhalation of large amounts:

Move the victim to fresh air area and keep him quiet.
Cover him with a blanket and seek medical attention immediately.
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.

Skin contact: Immediately flush affected area with water and clean it thoroughly with soap.
Immediately remove all contaminated clothing, and flush skin with plenty of water.

Eye contact: Flush eyes with cool, clean, low-pressure water for at least 15 minutes.
If use contact lenses, remove and keep flush with water.
If eye irritation persists, seek medical attention.
In case irritation is serious, immediately seek medical attention.

Ingestion: None

Most important diagnostic and symptom:
None

Protection for first-aides:
None

Special notes to doctors:
None

FIRE FIGHTING MEASURES

Extinguishing media:

Dry chemicals, Foam, Carbon dioxide, Sand.

Specific methods of fire-fighting:

Wear proper protective gloves, goggles and mask.
Extinguish the fire from the windward side.
In case of small fire, extinguish the fire with an extinguishing media such as dry chemical.
In case of large fire, shut off air by spraying with a foam and cool off surrounding facilities with water spray.

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:

- 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 AND STORAGE

Handling: Do not handle this product before you read all the safety precautions and understand it.
Avoid inhalation of mine dust, smoke, gas, mist, vapor, and spray.

Storage: Do not store this product before you read all the safety precautions and understand it.
Keep container tightly closed as needed.
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
Mineral Spirits	350mg/m3	
Xylene	100ppm	150ppm
1,2,4-Trimethylbenzene	25ppm	
Nonane	200ppm	
Ethylbenzene	20ppm (2012)	

Personal Protective Equipment:

- Respiratory Protection: Wear protective mask as needed.
Wear dust respirator, gas mask or organic solvent gas mask as needed.
- Hand Protection: Wear protective gloves, solvent resistant gloves or vinyl gloves as needed.
- Body Protection: Wear protective clothing or protective apron as needed.
- Eye Protection: Wear protective glasses, goggles or mask as needed.

PHYSICAL AND CHEMICAL PROPERTIES (TYPICAL)

Physical State:	Paste
Color:	White, solvent odor
Boiling Range:	100-310°C
Flash point:	40°C

Auto Ignition Temperature/Point:	230°C
Flammability:	YES
Flammable or Explosive Range:	0.6-7.0 vol%
Specific Gravity :	No data
Solubility in Water:	Soluble

STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Reactivity:	No data

TOXICOLOGICAL INFORMATION

Toxicological information as a whole product:

Acute toxicity:

Mineral Spirits :	LD50 >5000mg/kg by RAT (oral)
Kerosene :	LD50 >5000mg/kg by RAT (oral)
Xylene :	LD50 3500mg/kg by RAT (oral)
1,2,4-Trimethylbenzene :	LD50 8970mg/kg by RAT (oral)
Ethylbenzene :	LD50 3500mg/kg by RAT (oral)
Mineral Spirits :	LD50 >3160mg/kg by RABBIT (skin)
Xylene :	LD50 >4350mg/kg by RABBIT (skin)
Ethylbenzene :	LD50 15400mg/kg by RABBIT (skin)
Xylene :	LD50 29.08mg/L/4h by RAT (inhalation)
Nonane :	LC50 16.75mg/L/4h by RAT (inhalation)
Ethylbenzene :	LC50 17.2mg/L by RAT (inhalation)

Skin corrosion / irritation:	Skin irritation. (Category 2)
Serious eye damage / irritation	No data
Respiratory or skin sensitization :	No data
Germ cell mutagenicity :	No data
Carcinogenicity :	May cause cancer. (Category 2)
Reproductive toxicity :	No data
Specific target organ systemic toxicity - Single exposure :	May cause damage respiratory, kidneys, central nervous system and liver. (Category 3)
Specific target organ systemic toxicity - Repeated exposure :	No data
Aspiration hazard :	May be fatal if swallowed and enters airways. (Category 1)

ECOLOGICAL INFORMATION

Toxicological information as a whole product:

Aquatic environmental toxicity (acute):

Xylene :	LC50 3.3mg/L/96H (Oncorhynchus mykiss)
1,2,4-Trimethylbenzene :	LC50 5400µg/L/96H (Glass shrimp)
Ethylbenzene :	LC50 0.4mg/L (Brown shrimp)
Harmful to aquatic organisms. (Category 2)	

Aquatic environmental toxicity (chronic):

Long-term or repeated adverse effect causes very strong toxic to aquatic organisms. (Category 2)

DISPOSAL CONSIDERATIONS

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

TRANSPORT INFORMATION

International restriction :

UN Class : **N/A** UN number : **N/A**

Specific safety measure and condition of transportation:

Safety measure and condition of transportation (Packaging, Labeling and Transporting) should be in compliance with general precautions.

Keep away from fire.

Keep the temperature of the container under 40°C.

No Lay Down.

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.