

MSYS-40097-02E	YAMALUBE GLASS COATING		ASKA Co.,Ltd.	
SDS	Prepared	2010/8/24	Revised	2015/5/26
				Ver.2

1 Identification (Chemical Products and Company)

Product name YAMALUBE GLASS COATING
 Product Code 90793-40097
 Company's name ASKA Co.,Ltd.
 Address 812-6-2-705, Ikawadani-cho Arise, Nishi-ku, Kobe, Hyogo, Japan
 Division Quality Assurance Department
 A person in charge YUJI MIYAOKA
 TEL No. 078-974-6122
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 Recommended Use Water-repellent coating for automobiles and motorcycles
 Report No. MSYS-40097-02E

2 Hazards Identification

GHS Classification

- | | |
|--|-------------------|
| ▪ Aerosols | Hazard category 1 |
| ▪ Skin corrosion/irritation | Hazard category 2 |
| ▪ Serious eye damage/eye irritation | Hazard category 2 |
| ▪ Specific target organ toxicity following single exposure | Hazard category 3 |

GHS Label elements

Hazard Symbols

- Flame
- exclamation mark



Signal Word

Danger

Hazard and Precautionary state

- Flammable aerosol
- Pressurized container: may burst if heated
- Causes skin irritation
- Causes serious eye irritation
- May cause drowsiness or dizziness

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3 Composition / Information on Ingredients

Identity of a single substance or a mixture

Mixture

Name of component	Conc. ranges (wt%)	CAS No.
Petroleum solvent	10~30	68551-17-7
Silicone Oil	<5	Closed
Surfactant agent	<5	Closed
LPG	20~40	74-98-6 75-28-5 106-97-8

4 First-aid measures

In case of inhalation

In case of heavy aspiration of vapor or gases, move a person to the fresh-air space, then rest.
If needed, call a doctor immediately.

In case of an attachment to the skin

Wash with a large amount of water and soap.
If pain or appearance change occurs, immediately go to the doctor.

In case of contact with eye

Immediately wash with a large amount of clean water for over 15 min.
Wash both under upper and lower lids completely.
In case of wearing easy-removable contact-lens, remove them, and continue to wash eyes.
Go to the doctor as soon as possible.

In case of ingestion

To vomit increases a hazard of aspiration to lung, because it is easily volatile liquid.
Call a doctor at once. To rinse person's mouth is also recommended.
If one's senses are lost, give nothing to eat or drink.

5 Fire-fighting measures

Fire extinguishing media

Carbon dioxide, foam, powder, dry sand
Water should not be used as a fire-extinguishing agent.

Special fire-fighting measures

Removal of combustionable materials from the surroundings of fire.
Fight a fire on the windward if possible.

6 Accidental Release Measures

Personal Precautions

Wear the suitable protective equipment such as protective gloves, eye-glasses, protective clothes.
When the accidental release occurred indoors, ventilate well.
Work on the wind ward, and move the person being under the wind to the safer place.
Prepare the fire extinguishing equipments against the combustion.

Precaution for the environment

Take care that released material is not discharged into public areas and environment.

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Removal procedure

Recover the released material into the sealable vessel as much as possible.

Then clean up residual material by absorbing with soil, sand, sawdust, soil, and waste clothes.

7 Handling and Storage

Handling

Technical measure

Do not handle at the place at the temperature of over 40 or near the fire.

Do not heat over 40 degree centigrade.

Do not spray for a long time.

Do not tumble, drop, impact, or drag the container. Handle it carefully.

Local ventilation/whole ventilation

Handle at the well ventilated place by using local ventilator or whole ventilator.

Precaution for safety handling

Wear the suitable protecting equipments such as protecting glasses, and protecting gloves.

Eating, drinking and smoking in working area should be prohibited

Wash hands after use.

Storage

Proper storage conditions

Store below 40 degree centigrade.

Do not storage in the humid places.

Storage in the humid condition may occur the explosion of the container because of corrosion.

Store at the well ventilated places.

Store in the locked place and keep out of children's reach.

8 Exposure controls/personal protection

Equipment measure

Use local ventilation systems or whole ventilation systems.

Permissible concentrations

Component	Controlled Conc.	Permissible Conc. (JSOH)	Permissible Conc. (ACGIH)
Petroleum solvent	—	—	—
Silicone Oil	—	—	—
Surfactant agent	—	—	—
LPG	—	—	1000ppm

Controlled Conc. is established by Japan Ministry of Health, Labour and Welfare.

JSOH: Japan Society of Occupational Health

Protective equipment

Respiratory protective equipment

Use proper gas helmets for organic gases as occasion demands.

Eye and Skin protection

Use proper protecting glasses, gloves and clothes as occasion demands.

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9 Physical and Chemical properties

Physical properties

Appearance and form	Liquid (pressured state in the container)	
Color	White	
Odour	solvent odor	
Boiling range	100°C	(estimated value)
Flash point	NO	
Auto-ignition temperature	NO DATA	(estimated value)
Explosive limit	NO DATA	(estimated value)
Relative density	0.9~1.0	
Solubility	dispersed in water	

10 Stability and Reactivity

Stability

Stable in the normal conditions.

Reactivity

Contact with strong oxidizing agents cause violent reactions.

11 Toxicological Information

	LD50M	LD50S	Ski	Ser	Res	Ger	Car	Rep	SE			RE		Asp	Aqu	
															sh	lo
Petroleum solvent	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Silicone Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surfactant agent	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	3
LPG	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-

LD50M: median lethal dose (Mouse; Oral) LD50S: median lethal dose (Mouse; Dermal)

Ski: Skin corrosion/irritation Ser: Serious eye damage/irritation Res: Respiratory sensitizer

Sen: Respiratory/Skin sensitizer Ger: Germ cell mutagenicity Car: Carcinogenicity

Rep: Toxic to reproduction SE: Specific target organ toxicity single exposure

RE: Specific target organ toxicity following repeated exposure

Asp: Aspiration hazard Aqu: Hazardous to the aquatic environment

12 Ecological Information

It indicates in accordance with the table of 11.Toxicological Information.

13 Disposal Considerations

Disposal methods

Do not discharge washing waste into the sinks, seas, rivers, lakes, marshes and groundwaters.

Wastes produced by the treatment of drainage or incineration of wastes, should be handled according to the laws with respect of the wastes and disposals.

Contaminated containers and packings

Entrust the disposals of contents and containers to the special disposer licensed by the governor.

14 Transport Information

International Regulations

UN Classification	Class 2.1 (Gas compressed or liquified)
UN Number	1950(aerosol)
ERG2004 guide No.	126

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National Regulations (Japan)

Surface transport

Not applicable to the Fire Service Act and High Pressure Gas Safety Act.

Carrying Measures

Highest limit of piling height is recommended below 3m.

Prohibition of mixed transport

The first and Sixth dangerous materials (the Fire Service Act)

Ocean transport

Follow the law in relation to ocean transport

Air transport

Follow the law in relation to air transport

15 Regulatory Information

Follow the laws, regulations, prohibitions and all other restrictions in relation of all of personal safety, health and ecology, such as fire, gas, toxic materials, chemical substances, chemical releases, disposal and so on, in each country or region in which this product is handled.

16 Other Information

Cited literatures (All are published in Japan)

Material safety data sheet of each materials

JIS Z 7253

Industrial poisoning handbook (Ishiyaku syuppan Co.Ltd.)

13901's chemical materials (kagaku kougyou nipponsha)

Regulation of Ocean transport and storage of dangerous materials (kaibundo)
and others

※ MSDS is supplied as the referential information for customers to secure their safety handling of the hazardous chemical products. Please use this SDS to establish customers' suitable handling measures to insure the safety and health of customers' persons according to their conditions to deal with this chemical product. So, this data sheet is not the warranty of the safety and health.