

Safety Data Sheet

1. Products and company identification

Product name	SUISEI ROVAL Part B: Liquid
Supplier	Roval Corporation
Address	1-1, Nomuramotomachi, Hirakata, Osaka
Section in charge	Technical service department
Phone number	+81-72-894-7590
Fax number	+81-72-894-7593
e-mail address	jp-info@roval-group.com
Emergency Phone Number	+81-72-894-7191
Preparation, revision, and confirmation	May 8, 2023
Product type	Liquid in waterborne organic zinc rich paints
Recommended use	Rust prevention of iron and galvanizing surfaces

2. HAZARDS IDENTIFICATION

[GHS Classification]

PHYSICAL HAZARDS	Not applicable				
HEALTH HAZARDS	Acute toxicity				
	Oral	Dermal	Inhalation (Gas)	Inhalation (Vapors)	Inhalation (Dust/Mist)
	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
	Skin corrosive Irritating	Serious to eyes Damage/eye irritation	Respiratory/Skin sensitization		
			Solid/Liquid	Gas	Skin sensitisation
	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
	Germ cell mutagenicity	Carcinogenicity	Reproductive toxicity	Effects on or via lactation	
				Classification not possible	
	STOT (Single exposure)	Category 1 _____		Category 2 _____	Category 3 _____
		Category 1 _____		Category 2 _____	
	Aspiration hazard	Hazardous to the aquatic environment (Acute)	Hazardous to the aquatic environment (Chronic)	Hazardous to the ozone layer	
				Classification not possible	
Classification not possible	Classification not possible	Classification not possible	Classification not possible		

[GHS Symbols]

Pictogram: Not applicable

Signal word: Not applicable

Hazard statement: Not applicable

Precautionary Statement:

[SAFETY MEASURES]

P201 : Obtain special instructions before use.

P202 : Do not handle until all safety precautions have been read and understood.

P280 : Wear protective gloves/protective clothing/eye protection/face protection.

[FIRST AID]

P308+P313 : IF exposed or concerned: Get medical advice/attention.

[STORAGE]

P405 : Store locked up.

[DISPOSAL]

P501 : Appropriately dispose of the contents/containers in accordance with laws and regulations.

3. Composition/information on ingredients

Distinguishing Chemicals and Mixtures: Mixtures

Substance name	%Weigh	CAS No.
Glycol-based solvent	1 ~ 6	Non-disclosure
Water	60 ~ 70	7732-18-5

4. First-aid measures

Inhalation:

If you inhale vapours, gases, etc. and feel sick, move to a place with fresh air and rest in a position that is easy to breathe.
Seek medical attention if symptoms persist or if unconscious.

Skin contact:

Wipe off any adhesive with a cloth quickly. Wash the affected area with plenty of water with mild soap.
Do not use solvents or thinners. If irritation is continued, refer to medical attention.

Eye contact:

Wash immediately with plenty of clean running water for at least 15 minutes.
Remove contact lenses, if present and easy to do.
Do not induce as soon as possible.

If on clothing:

Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

Swallowed:

If swallowed incorrectly, allow the patient to rest and consult a physician immediately.
Do not induce vomiting.

Emergency measures:

Wear appropriate protective equipment (protective goggles, protective masks, gloves, etc.).
Keep ventilation.

5. Fire-fighting measures

Suitable extinguishing agents:

All extinguishing agents (* This product does not burn itself.)

Fire extinguishing agents not to be used:

None in particular.

Special methods for extinguishing fires, protection of persons who extinguish fires:

None in particular.

6. Accidental release measures

Precautions for the Human Body, Protective Equipment, and Emergency Measures:

Appropriate protective equipment (protective gloves, protective masks, aprons, goggles, etc.) should be worn during work.
Ventilating firmly indoors In outdoor cases, work from the windward as much as possible.
Prevent secondary disasters by prohibiting access to the surrounding area and keeping other people away.

Environmental precautions:

Be careful not to cause environmental effects due to discharge into rivers, etc.

Containment and Purification Methods and Equipment:

For small spill, absorb spills with inert materials, then place in a chemical waste containers.
Disposal of deposits, waste, etc. shall be made in accordance with relevant laws and regulations.
Collect with scoop, waste, etc. To prevent a large amount of spills from flowing out with embankments.
Caution should be exercised with regard to washing with water, etc. as well, which may lead to spillage into rivers, etc. and environmental pollution.

7. Handling and storage

Handling:

Handle in a well-ventilated place. The container is sealed each time.
When working in an enclosed area, provide adequate local exhaust ventilation and wear appropriate protective equipment.

Storage:

Avoid direct sunlight. Store in a dry, well-ventilated area.
Take necessary measures to prevent leakage, overflow, or splashing.
Keep locked to prevent theft. Keep out of the reach of children. ◦

8. Exposure controls/personal protection

Substance name	ACGIH
Glycol-based solvent	—
Water	—

[Equipment Measures]

In the case of indoor painting work, equipment that does not expose workers directly, such as by using automatic painting machines, etc., or equipment that avoids workers from exposure by local exhaust ventilation systems, etc., shall be used. When working in a sealed place such as the inside of a tank, install a device that can sufficiently ventilate to the bottom of the sealed place.

[Protection]

Respiratory Protective Equipment:

Wear an appropriate protective mask when working.

Hand protectors:

Wear gloves made of organic solvents or chemicals that do not penetrate.

Eye protection:

Wear protective glasses for handling.

Skin and body protective equipment:

When handled, wear clothing that does not directly expose the skin.

Further, it is desirable that the material is a material that does not permeate the chemical.

Other:

Wear antistatic clothing and shoes when performing electrostatic painting work.

9. Physical and Chemical Properties and safety characteristics

Physical state	:Liquid	Colour	:Milky white
Odor	:Peculiar smell	Boiling point	:No data
Flammability	:No data	Explosion Limits	:No data
Flash point	:No data	Auto-ignition temperature	:No data
Decomposition temperature	:No data	Kinematic viscosity	:No data
Vapor pressure	:No data	Densities (g/ml)	:1.0
Relative vapour density	:No data		

10. Stability and reactivity

Reactivity: No self-reactivity.
Chemical stability: Stable in normal handling.
Possibility of hazard reaction: No data
Conditions to be avoided: Avoid direct sunlight
Possibility of Hazardous Reactions: No data
Hazardous decomposition products: Generates CO, NOx when burned.

11. Toxicological information

ACUTE TOXICITY

Substance name	Oral	Classification	Dermal	Classification
Glycol-based solvent	—	—	—	—
Water	—	—	—	—

ACUTE TOXICITY

Substance name	Inhalation (Gas)	Classification	Inhalation (Vapors)	Classification	Inhalation (dust, mist)	Classification
Glycol-based solvent	—		—		—	—
Water	—		—		—	—

Substance name	Skin corrosive/Irritating	Serious eye damage /eye Irritation	Respiratory sensitisation	Skin sensitisation
Glycol-based solvent	—	—	—	—
Water	—	—	—	—

Substance name	Germ cell mutagenicity	Carcinogenicity	Reproductive toxicity
Glycol-based solvent	—	—	—
Water	—	—	—

Substance name	STOT (Single exposure)	STOT (Repeat exposure)	Aspiration hazard
Glycol-based solvent	—	—	—
Water	—	—	—

1 2. Ecological information

General precautions: When leaking or disposing of the product, be careful to handle it because it may affect the environment.

The product may have adverse effect on environment.

Substance name	Hazardous to the aquatic environment(Acute)	Hazardous to the aquatic environment (Chronic)	Hazardous to the ozone layer
Glycol-based solvent	—	—	—
Water	—	—	—

Ecotoxicity:

No data

Persistence and degradability:

No data

Bioaccumulation:

No data

Mobility in soil:

No data

1 3. Disposal considerations

[Residual Waste, Contamination Containers and Packaging]

In the case of disposal, the relevant laws and regulations and the standards of local governments shall be complied with. Waste paints, waste solvents, containers, etc. shall be disposed of under a contract with a licensed industrial waste disposal contractor. Wash water used for cleansing containers and equipment must not be released into environment. For other wastage arouse in effluent processing or incineration, dispose of them in accordance with the law or entrust it. Dispose of the empty container after the rest of paint completely removed. It is recommended to recycle empty containers and packaging.

1 4. Transport information

UN number, UN classification:

Not applicable to un number.

Specific safety measures and conditions for transport:

Not applicable to dangerous loads.

1 5. Regulatory information

Classification and labeling in accordance with Labor Safety and Health Act:

See Section 2

Other regulation for foreign countries:

Regulatory information with regards to this preparation in your country or region should be examined by your own responsibility.

1.6. Other information

References:

- 1) GHS Classification Guidance for Enterprises.
- 2) SDS from manufacturers of raw materials
- 3) Roval's own data

The information herein is given in good faith, but no warranty, express or implied, is made.

The information contained herein is, to the best of Roval's knowledge and belief, accurate and reliable as of the data issued. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise SDS periodically as new information becomes available.

More than