

SAFETY DATA SHEET**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION****PRODUCT CODE:** 403372**PRODUCT NAME:** Jewel Color Aqua Blue**COMPANY IDENTIFICATION**

Company name	PADICO Co., Ltd.
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Recommended use of product and restrictions on use	Coloring of UV curing resin

2. HAZARD IDENTIFICATION**GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE****PHYSICAL HAZARDS**

Flammable liquids : Category 4

HEALTH HAZARDS

Acute toxicity (oral) : Category 5

Serious eye damages / eye irritation : Category 2B

ENVIRONMENTAL HAZARDS

"Not classified" or "cannot be classified"

GHS LABEL ELEMENTS INCLUDING: PRECAUTIONRY STATEMENTS

SYMBOL : None

SIGNAL WARD : Warning

HAZARD STATEMENT : Flammable liquid
May be harmful if swallowed
Cases eye irritation**PRECAUTIONRY STATEMENTS**

[Prevention] : Do not handle until all safety precautions have been read and understood.

Keep away from flames and hot surfaces. No smoking.

Wear protective gloves/ eye protection/ face protection.

Wash hands thoroughly after handling. Do not touch eyes.

Wear eye protection/ face protection.

[Response] : IF SWALLOWED: Get medical help.

IF INHALED: Call a POSISON CENTER/ doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF EYE IRRITATION PERSISTS: Get medical help.

IN CASE OF FIRE: use foam, powder (Dry chemical), carbon dioxide and sand to extinguish.

[Storage] : Store in a well-ventilated place. Keep cool.

[Disposal] : Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS**SUBSTANCE/MIXTURE: MIXTURE**

Component	Content (%)	Cas No.
Glycols	70-80	Registered
Synthetic resin	20-30	Registered

Copper phthalocyanine 0.1-0.5

4. FIRST AID MEASURES

- IF IN EYES : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
If eye irritation presents: Get medical help.
- IF ON SKIN : Shed clothes that are attached content.
Wash with plenty of soap and water. Get medical attention.
Take off contaminated clothing and wash it before reuse.
- IF INHALED : Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention if you feel unwell.
- IF SWALLOWED : Rinse mouth with water.
Call a POISON CENTER/ doctor if you feel unwell.

5. FIRE-FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA : Foam, powder (Dry chemical), carbon dioxide, dry sand
- UNSUITABLE EXTINGUISHING MEDIA : Water
- SPECIFIC EXTINGUISHING METHOD : There is a possibility that the fire by heat, sparks, and fire.
Burn to vigorously heating.
In event of a fire, there is a possibility to generate a corrosive, toxic and irritation gas.
- SPECIAL PROTECTIVE FOR FIRE-FIGHTERS : Remove all ignition sources if be able to do in safe.
Not move when the container is exposed to heat.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES : Remove all ignition sources.
Isolate the location of the possibility of leakage.
Ventilate in the case of an enclosed area.
- ENVIRONMENTAL PRECAUTIONS : Do not release into the environment.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP : Stop leak if without risk
- RECOVERY AND NEUTRALIZATION : Recover with inert material and put in a container.
- MEASURES TO PREVENT SECONDARY DISASTER : Remove all ignition sources immediately.
Stop leak into the environment.
Fight a fire wearing protective equipment.

7. HANDLING AND STORAGE

HANDLING

- TECHNICAL MEASURE (LOCAL-VENTILATION/ WHOLE-VENTILATION) : Take measures of as described in chapter "8. EXPOSURE CONTROLS/ PERSONAL PROTECTION".
As much as possible to prevent the scattering of the vapor and the leakage of the liquid.
- NOTES : Wash the hands after handling.
Do not eat, drink, or smoke when using this product.
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Use only outdoors or in a well-ventilated area.
Do not swallow.
Do not put in eyes.
Avoid contact with skin.
- CONTACT EVASION : See chapter "10. STABILITY AND REACTIVITY".
- STORAGE**
- APPROPRIATE SAFEKEEPING CONDITION : Avoid strong oxidizing agent.
Seal the container and storage in a well-ventilated area.
- PACKAGING MATERIALS : No data

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- CONTROL LIMIT : Not set

OCCUPATIONAL EXPOSURE LIMITS : Not set
 FACILITY AND EQUIPMENT MEASURES : Provide shower and eye washer at place where is stored and handled this material.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection : Wear respiratory protective device
 Hand protection : Wear rubber gloves.
 Eye protection : Wear safety goggles
 Skin and body protection : Wear personal protective equipment and protective shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical condition : Liquid
 Color : Each color
 Odor : Few specific odor
 pH : No data
 Freezing point : No data
 Boiling point : $\geq 161^{\circ}\text{C}$
 Flash point : $\geq 64.5^{\circ}\text{C}$ (closed method)
 Explosion properties : No data
 Vapor pressure : No data
 Specific gravity : No data
 Solubility : Insoluble in water in. soluble in alcohol.
 Octanol/water partition coefficient : No data
 Autoignition temperature : $\geq 239^{\circ}\text{C}$
 Decomposition temperature : No data

10. STABILITY AND REACTIVITY

REACTIVITY : Nothing
 STABILITY : Stable under the usual handling
 POSSIBILITY OF HAZARDOUS REACTIONS : Reacts with strong oxidants.
 CONDITIONS TO AVOID : burning
 INCOMPATIBLE MATERIALS : Strong oxidants.
 HAZARDOUS DECOMPOSITION PRODUCTS : Toxic gas included the carbon monoxide.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY [ORAL] : Category 5
 ACUTE TOXICITY [SKIN] : No data
 ACUTE TOXICITY [INHALATION] : No data
 SKIN CORROSION/IRRITATION : No data
 SERIOUS EYE DAMAGE/EYE IRRITATION : Category 2B
 RESPIRATORY OR SKIN SENSITIZATION : No data
 GERM CELL MUTAGENICITY : No data
 CARCINOGENICITY : No data
 REPRODUCTIVE TOXICITY : No data
 SPECIFIC TARGET ORGAN TOXICITY [SINGLE EXPOSURE] : No data
 SPECIFIC TARGET ORGAN TOXICITY [REPEATED EXPOSURE] : No data
 ASPIRATION HAZARD : No data

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data
 DEGRADABILITY AND PERSISTENCE : No data
 BIOACCUMULATION POTENTIAL : No data
 MOBILITY IN SOIL : No data
 HARMFUL EFFECT ON THE OZONE LAYER : No data

13. DISPOSAL CONSIDERATION

THE REMAINDER WASTE : Dispose of contents in accordance with local/ regional/ national/ international regulations.

POLLUTION CONTAINER AND PACKING : Dispose of container in accordance with local/ regional/ national/ international regulations.

14. TRANSPORT INFORMATION INTERNATIONAL REGULATIONS

Rail and road transportation information : Comply with ADR/ RID regulations.
Marine transportation information : Comply with IMO regulations.
Aviation transportation information : Not regulated for transport with ICAO/ IATA regulations
UN number : Not applicable
Hazard class : Not applicable
Proper Shipping Name : -
Packing Group : Not applicable
Special precaution : none

15. REGULATORY INFORMATION

Fire and Disaster Management act (JAPAN) : Class4 petroleum No.2
The evaluation of chemical substances and : Dangerous goods (flammability)
regulation of their manufacture, etc. (JAPAN) Notification substance: Copper phthalocyanine

16. OTHER INFORMATION

REFERENCES

1. Japan chemical industry association, "GHS correspondence guideline (2012)"
2. National institute of technology and evaluation, "Chemical Risk Information Platform (CHRIP)"
<http://www.safe.nite.go.jp/japan/db.html>
3. National Institute of Health Sciences (NIHS), "International Chemical Safety Cards (ICSC) -Japanese Version-"
<http://www.nihs.go.jp/ICSC/>
4. UNITED NATIONS, "GLOVALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) Rev.5 (2013)

All specifications are to be created based on the information we can get at this time may be revised by new knowledge. The content, the physico-chemical property and so on are not a guaranteed performance. Notes are usually aimed at handling. If special handling, usage, please Usage for safety measures.