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SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY INDETIFICATION

PRODUCT CODE: 403256

PRODUCT NAME: Jewel Color Pearl Sky Blue

COMPANY IDENTIFICATION

Company name	PADICO Co., Ltd.
Address	673-3 Jinba Gotenba City, Shizuoka JAPAN 412-0047
Telephone	0550-89-7521
Department	Research and Development section
Person in charge	Yuta Endo
Fax	0550-89-5951
Emergency telephone	0550-89-7536
E-mail	safety@padico.co.jp
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

Explosives	:	Not classified
Flammable gases	:	Not classified
Flammable aerosols	:	Not classified
Oxidizing gases	:	Not classified
Gases under pressure	:	Not classified
Flammable liquids	:	Category 4
Flammable solids	:	Not classified
Self-reactive substances and mixtures	:	Not classified
Pyrophoric liquids	:	Not classified
Pyrophoric solids	:	Not classified
Self-heating substances and mixtures	:	Not classified
Substances and mixture which, in contact with water, emit flammable gases	:	Not classified
Oxidizing liquids	:	Not classified
Oxidizing solids	:	Not classified
Organic peroxides	:	Not classified
Corrosive to metals	:	Not classified

HEALTH HAZERDS

Acute toxicity(oral)	:	Category 5
Acute toxicity(skin)	:	Not classified
Acute toxicity(inhalation: gas)	:	Not classified
Acute toxicity(inhalation: dust)	:	Not classified
Acute toxicity(inhalation: mist)	:	Not classified
Skin corrosion / irritation	:	Not classified
Serious eye damages / eye irritation	:	Category 2B
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified

Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity [single exposure]	:	Not classified
Specific target organ toxicity [repeated exposure]	:	Not classified
Aspiration hazard	:	Not classified

ENVIRONMENTAL HAZERDS

Aquatic toxicity (acute)	:	Not classified
Aquatic toxicity (chromic)	:	Not classified
Harmful effect on the ozone layer	:	Not classified

GHS LABEL ELEMENTS INCLUDING :PRECAUTIONRY STATEMENTS

SYMBOL :

SIGNAL WARD : Warning

HAZARD STATEMENT : Flammable liquid
May be harmful if swallowed
Causes serious eye irritation

PRECAUTINARY STATEMENTS

[Prevention] : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Wash the hands thoroughly after handling.
Wear eye protection/ face protection.

[Response] : In case of fire: Use foam, powder (Dry chemical), carbon dioxide and dry sand to extinguish.
Call a POISON CANCER/ 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 advice/ attention.

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

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE:

Component	Content (%)	Cas No.
Alcohol	60-70	Registered
Synthetic resin	10-20	Registered
Mica	5.0-10	Registered
Titanium oxide	1.0-5.0	13463-67-7
Silicon dioxide	3.0-6.0	7631-86-9
Tin Oxide	<0.2	18282-10-5
Organic pigment	<0.1	Registered

4. FIRST AID MEASURES

IF IN EYES	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN	:	Shed clothes that are attached content. Wash with plenty of soap and water. Get medical attention
IF INHALED	:	Call a POISON CENTER/ doctor if you feel unwell.
IF SWALOWED	:	Rinse mouth with water. Call a POISON CNETER/ 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 EXTINGTION 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 possible 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.
ENVIROMENTAL 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.

7. HANDLING AND STORAGE

HANDLING

TECHNICAL MEASURE (LOCAL-VENTILATION/WHLE-VENTILATION)	:	Take measures of as described in chepter"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.

		Don't swallow. Don't put in eyes. Avoid contact with skin.
CONTACT EVASION	:	See chapter 10"STABILATY AND REACTIVITY".

STORAGE

APPROPRIATE SAFEKEEPING CONDITION	:	Avoid strong oxidizing agent. Seal the container and storage in a well-ventilated area.
PACAGING 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		Ink color
Odour	:	Few specific odor
pH	:	No date
Freezing point	:	No data
Boiling point	:	≦161℃
Flash point	:	≧64.5℃(closed method)
Explosion properties	:	No data
Vapor pressure	:	No data
Specific gravity	:	No data
Solubility	:	Insoluble in water. Soluble in alcohol.
Octanol/water partition coefficient	:	No data
Autoignition temperature		≧239℃
Decomposition temperature	:	No data

10. STABILATY AND REACTIVITY

REACTIVITY	:	Nothing
STABILITY	:	Stabile under the usual handling.
POSSIVILITY OF HAZARDOUS REACTIONS	:	Reacts with strong oxidants.
CONDITIONS TO AVOID	:	Burning.
INCOMPATIBLE MATERIALS	:	Strong oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS	:	Toxic gas include 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
RESPIRATIORY 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/ container to waste in accordance with local/ regional/ national/ international regulations.
POLLUTION CONTAINER AND PACKING	:	Dispose of contents/ container to waste in accordance with local/ regional/ national/ international regulations.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS

UN number	:	Not applicable
Hazard class	:	Not applicable
Packing Group	:	Not applicable

15. REGULATORY INFORMATION

The evaluation of chemical substances and regulation of their manufacture, etc.(JAPAN)	:	Dangerous Substances/ Flammable substances Hazardous Substance to be notified in term of Whose Names, etc.: Titanium oxide, silicon dioxide
Industrial Safety and Health act (JAPAN)	:	Not applicable
Fire and Disaster Management act (JAPAN)	:	Class 4 petroleum No.2
Poisonous and Deleterious Substances control act (JAPAN)	:	Not applicable

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 NATTONS, "GLOVALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OG CHEMICALS (GHS) Rev.4 (2011)

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 physic-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.