Information ADDRESS: ASAHI 3-1-5 KAWAGUCHI-CITY SAITAMA-PREFECTURE JAPAN Charge section:Quality Management Division Person in charge:Mitsuaki Yanagida Emergency TEL No.: 81-0480-85-5157 FAX: 81-048-222-7443 Emergency contact: 81-0480-85-5157 TEL: 81-0480-85-5157 Making section: Quality Management Division Revision: 2015/6/19 Specific of Product name Tamiya Color XF-17 Sea Blue Kind AQUEOUS ACRYLIC RESIN PAINT Summary of GHS classification		ONI LIT DATA OII	ILLI 07021700 TAGE [T]			
Charge section:Quality Management Division Person in charge:Mitsuaki Yanagida Emergency TEL No. : 81-0480-85-5157 FAX: 81-048-222-7443 Emergency contact : 81-0480-85-5157 FAX: 81-0480-822-7443 Emergency contact : 81-0480-85-5157 TEL : 81-0480-825-5157 Making section: Quality Management Division Revision: 2015/6/19 Specific of Product name Tamiya Color XF-17 Sea Blue Kind AQUEOUS ACRYLIC RESIN PAINT GHS classification Flammable liquids Category 3 Acute toxicity (Oral) Not classified Acute toxicity (Dermal) Not classified Acute toxicity (Dermal) Not classified Acute toxicity (Vapours) Not classified Respiratory sensitization Serious eye damage/eye irritation Category 3 Serious eye damage/eye irritation Category 2 Respiratory sensitization(Gold/Liquid) Not classified Respiratory sensitization(Gases) Classification not possible Skin sensitization Germ cell mutagenicity Category 1B Carcinogenicity Category 1A Additional category for effects on or via lactation Specific target organ systemic toxicity-single exposure Specific target organ systemic toxicity-repeated exposure Specific target organ systemic toxicity-repeated exposure Aspiration hazard Not classified Hazardous to the Aquatic Environment(chronic) Not classified Hazardous to the Aquatic Environment(chronic) Not classified	Manufacturer	NAME OF MANUFACTURER : TAIHO CHEMICAL IND	USTRY Co., LTD			
Emergency TEL No. : 81-0480-85-5157 FAX : 81-048-222-7443 Emergency contact : 81-0480-85-5157 TEL : 81-0480-85-5157 Making section : Quality Management Division Revision : 2015/6/19 Product name Tamiya Color XF-17 Sea Blue Kind AQUEOUS ACRYLIC RESIN PAINT Summary of Danger and Harmful GHS classification Flammable liquids Category 3 Acute toxicity (Oral) Not classified Acute toxicity (Germal) Not classified Acute toxicity (Upornal) Not classified Acute toxicity (Vapours) Not classified Acute toxicity (Upots and Mists) Not classified Skin corrosion /irritation Category 3 Serious eye damage/eye irritation Category 2 Respiratory sensitization(Solid/Liquid) Not classified Respiratory sensitization(Solid/Liquid) Not classified Category 18 Carcinogenicity Category 1B Carcinogenicity Category 1B Carcinogenicity Category 1 Reproductive toxicity Category 1 Additional category for effects on or via lactation Specific target organ systemic toxicity-repeated exposure Category 1 Category 2 Aspiration hazard Hazerdous to the Aquatic Environment(chronic) Not classified	Information	ADDRESS : ASAHI 3-1-5 KAWAGUCHI-CITY SAITAMA-PREFECTURE JAPAN				
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Product Summary of Danger and Harmful Flammable liquids Category 3		Making section : Quality Management Division	on Revision : 2015/6/19			
Summary of Danger and Harmful Flammable liquids	Specific of	Product name Tamiya Color XF	-17 Sea Blue			
Danger and Harmful Flammable liquids	Product	Kind AQUEOUS ACRYLIC	RESIN PAINT			
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Specific target organ systemic toxicity-repeated exposure Category 1 Category 2 Aspiration hazard Not applicable Hazardous to the Aquatic Environment(acute) Not classified Hazardous to the Aquatic Environment(chronic) Not classified		Additional category for effects on or via lactation	Classification not possible			
Aspiration hazard Hazardous to the Aquatic Environment(acute) Hazardous to the Aquatic Environment(chronic) Not classified Not classified		Specific target organ systemic toxicity-single exposure	Category 1 Category 3			
Hazardous to the Aquatic Environment(acute) Hazardous to the Aquatic Environment(chronic) Not classified Not classified		Specific target organ systemic toxicity-repeated exposure	Category 1 Category 2			
Hazardous to the Aquatic Environment(chronic) Not classified		Aspiration hazard	Not applicable			
		Hazardous to the Aquatic Environment(acute)	Not classified			
Label Element		Hazardous to the Aquatic Environment(chronic)	Not classified			
A A		Label Element				
		A A				

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Signal word

Danger

Hazard statements

Flammable liquid and vapour

The skin is stimulated mild.

Causes serious eye irritation

May cause genetic defects

Suspected of causing cancer

May damage fertility or the unborn child

Causes damage to organs(liver,blood,central nervous system,systemic toxicology,nervous system,kidney)

May cause drowsiness or dizziness, May cause respiratory irritation

Causes damage to organs(liver)

May Causes damage to organs(blood,spleen,nerve,liver,testicle)

Components	CAS No.	Composition(%)	
Nater	7732-18-5	29. 3%	
Calcium carbonate	471-34-1	0.8%	
Silica. vitreous	60676-86-0	2. 1%	
Titanium dioxide	13463-67-7	2. 8%	
Ethanol	64-17-5	4. 4%	
Propan-2-ol	67-63-0	18. 5%	
Butanol. 3-methoxy-3-methyl-	56539-66-3	2. 2%	
2-Propanol. 1-methoxy-	107-98-2	15. 4%	
Carbon black	1333-86-4	2. 3%	
Acrylic acid resin	25950-40-7	14. 3%	
C.I.Pigment Blue15	147-14-8	1. 0%	
C.I.Pigment Yellow 13	5102-83-0	0. 3%	
Aluminium hydroxide	21645-51-2	6. 6%	
		1	1
		1	1
		1	1
		+	1
		1	<u> </u>
		+	1
		1	

FIRST-AID MEASURES

IF INHALED

IF IN EYES :Gently rinse the affected eyes, including under the eyelids, with

clean water for at least 15 minutes. Remove contact lenses if easily possible. Remove all chemicals from contact with victims eyes as quickly as possible. A delay of only seconds increase the injury. And refer for medical attention.

IF ON SKIN :Remove all contaminated clothing, shoes and socks from the

affected areas as quickly as possible, cutting them off if necessary. Wash the affected areas under tepid running water using a mild soap. If irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

Remove the victim from the contamination immediately to fresh air.

If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration. And refer for medical attention.

IF SWALLOWED : Do not induce vomiting.

Never give anything by mouth to someone who is unconscious or convulsing. If the victim is responsive, give him one or two glasses of milk or water. And refer for medical attention.

FIRE-FIGHTING MEASURES

·EXTINGUISHING MEDIA:

Dry chemical powder, foam, dry sand or carbon dioxide.

Water may be ineffective in extinguishing a fire involving this material.

·SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES:

Toxic gases(carbon monoxide)will form upon combustion.

ACCIDENTAL RELEASE MEASURES

Evacuate non essential personnel.

Shut off all sources of ignition: No flare, smoking or flames in area.

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container with covers for disposal, using non sparking tools.

Remove leaking containers to a safe place, if feasible.

Notify police and fire brigade.

HANDLING AND STORAGE HANDLING

: Use only in the well-ventilated areas.

Make available in the work area emergency shower and eyes wash.

Keep container tightly closed.

Avoid contact with skin or eyes.

Shut off all gas pilot and electrical(spark or hot wire)igniters and other sources of ignition during use and until all vapors (odors) are gone.

Use reduced-sparking hand tools.

Prevent build-up of electrostatic charges (e.g. by grounding).

Practice good personal hygiene after using this materials, especially before eating, drinking smoking or using the toilet.

STORAGE

: It should be kept in a tightly closed container, protected from physical damage,

and away form oxidizing materials and sources of ignition.

Store in a cool, dry, well-ventilated location.

Keep away form heat, steam pipe or sunlight.

EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING MEASURES : Use exhaust ventilation to keep airborne

concentration below exposure limit.

PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION : Face shields

HAND, SKIN AND BODY PROTECTION : Impervious clothing.

Chemical-resistant gloves, apron and impervious boots.

RESPIRATORY PROTECTION : Industrial canister gas masks.

PHYSICAL & CHEMICAL PROPERTIES

Form: [Liquid] Color: Dark blue Odor: [Aromatic odor]

Boiling point : [82.40~ 120.00°C]

Vapor pressure : [4266.00Pa(20.0 °C)]

Density : $[1.080 / 20^{\circ}C]$ pH : [7~8]

Danger information

Flash point: [33.0°C] Auto ignition: [278.00°C] Lower Explosion Limit: [2.50 %] Upper Explosion Limit: [12.00 %]

STABILITY & REACTIVITY

Material with the danger by contact

☆ do not have information in particular

Outbreak of the harmful gas by the combustion

☆ There is a threat that harmful gas such as CO occurs

Others reactivity information

☆ To be a normal condition is stability

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ON					
Acute	Acute	Acute toxicity	Acute toxicity	Acute toxicity	Skin corrosion irritation
Not classified	Classification not possible			Classification not possible	Classification not possible
Not classified		Not applicable	Classification not possible	Not classified	Not classified
Not classified	Classification not possible	Not applicable		Not classified	Not classified
Category 5	Category 5 4059mg/Kg	Not applicable	Not classified	Classification not possible	Not classified
Not classified	Not classified	Not applicable	Classification not possible	Classification not possible	Category 3
Not classified 15400mg/Kg	Classification not possible	Not applicable	Classification not possible	Classification not possible	Classification not possibl
	Acute toxicity(Oral) Not classified 6450mg/Kg Not classified 10000mg/Kg Not classified 5000mg/Kg Category 5 3437mg/Kg Not classified 5113mg/Kg Not classified	Acute toxicity(Oral) toxicity(dermal) Not classified 6450mg/Kg Not classified 10000mg/Kg Not classified 10000mg/Kg Not classified 5000mg/Kg Category 5 3437mg/Kg Not classified 5113mg/Kg Not classified Classification not possible 13000mg/Kg	Acute toxicity(Oral) toxicity(dermal) (Gases) Not classified 6450mg/Kg Not classified 10000mg/Kg Not classified 10000mg/Kg Not classified 5000mg/Kg Category 5 Category 5 4059mg/Kg Not classified Not classified Not applicable 13000mg/Kg Not classified 61000mg/Kg Category 5 Category 5 Not applicable 13000mg/Kg Not classified Not classified Not applicable 13000mg/Kg Not classified 13000mg/Kg Not classified 13000mg/Kg Not classified 13000mg/Kg Not classified 13000mg/Kg	Acute toxicity(Oral) toxicity(dermal) (Gases) (Vapours) Not classified 6450mg/Kg Not classified 10000mg/Kg Not classified 10000mg/Kg Not classified 5000mg/Kg Category 5 Category 5 3437mg/Kg Not classified Not classified 13000mg/Kg Not classified Classified 10000mg/Kg Not classified 10000mg/Kg Not applicable Not classified 20000ppm Category 5 Category 5 3437mg/Kg Not classified Not classified 13000mg/Kg Not classified Not classified 13000mg/Kg Not classified 13000mg/Kg Not classified 13000mg/Kg Not applicable Classification not possible Not applicable Classification not possible Not classified 13000mg/Kg Not classified Classification not possible Not applicable Classification not possible Not classification not possible Not applicable Not applicable Classification not possible Not applicable Not applicab	Acute toxicity (Oral) toxicity(dermal) (Gases) (Vapours) (Dust/Mists) Not classified 6450mg/Kg Not classified 10000mg/Kg Not classified 20000mg/Kg Not classified 3000mg/Kg Not classified 5000mg/Kg Not classified 5000mg/Kg Category 5 Category 5 4059mg/Kg Not classified Not classified 5113mg/Kg Not classified Not classified Acute toxicity (Vapours) (Dust/Mists) Not applicable Classification not possible Not classified Not classified 20000ppm Category 5 Category 5 Not applicable Not classified 29512ppm Not classified Not classified Not applicable Classification not possible S113mg/Kg Not classified Classification not possible Not applicable Classification not possible Classification

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TOXICOLOGICAL INFORMATION						
CHEMICAL NAME	Serious eye damage eye irritation	Respiratory solid/liquid	sensitization gases	Skin sensitization	Germ cell mutagenicity	Carcinogenicity
Calcium carbonate	Classification not possible		Not applicable	Classification not possible		Classification not possible
Titanium dioxide	Category 2B	Classification not possible		Not classified	Not classified	Not classified
Ethanol	Category 2A-2B	Classification not possible		Classification not possible	Category 1B	Not classified
Propan-2-ol	Category 2A-2B	Classification not possible		Classification not possible	Not classified	Not classified
2-Propanol. 1-methoxy-	Category 2A-2B	Classification not possible		Classification not possible	Not classified	Classification not possible
Carbon black	Classification not possible	Classification not possible		Classification not possible	Classification not possible	Category 2

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TOXICOLOGICAL INFORMATI	ON					
CHEMICAL NAME	Reproductive toxicity	Aspiration hazard	Hazardous top the Aquatic Environmental			
			acute	chronic		
Calcium carbonate	Classification not possible	Classification not possible	Classification not possible	Classification not possible		
Titanium dioxide	Classification not possible	Classification not possible	Not classified	Category 4		
Ethanol	Category 1A	Classification not possible	Not classified	Not classified		
Propan-2-ol	Category 2	Category 2	Not classified	Not classified		
2-Propanol. 1-methoxy-	Not classified	Classification not possible	Not classified	Not classified		
Carbon black	Classification not possible	Classification not possible	Not classified	Category 4		
	1	1	1	ı		

TOXICOLOGICAL INFORMATION Specific target organ systemic toxicity - single exposure Category 3, Titanium dioxide (Respiratory tract irritation) (*) Category 3, Ethanol (Respiratory tract irritation, anesthetic action) Category 1, Propan-2-ol (central nervous system, kidney, systemic toxicology) Category 3, Propan-2-ol (Respiratory tract irritation) Category 3,2-Propanol. 1-methoxy- (anesthetic action) Specific target organ systemic toxicity - repeated exposure Category 1, Ethanol (liver) Category 2, Ethanol (nerve) Category 2, Propan-2-ol (blood vessel, liver, spleen)

ECOLOGICAL INFORMATION

There is a threat that I affect environment in the case of a leak, the disposal, I am careful to the handling

DISPOSAL CONSIDERATION

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material highly flammable. Do not flush into the sewer.

TRANSPORT INFORMATION

- ·Keep away from oxidizing materials and source of ignition.
- ·Take precautionary measures against static discharges.
- ·Any transportation practice must be in compliance with laws and regulation in your country or region

UN No. 1263 Packing Group III UN classification

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REGULATORY INFORMATION

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

OTHER INFORMATION

REFERENCES:

Paint Raw Harmful materials Datasheet JAPAN PAINT MANUFACTURERS ASSOCIATION