SAFETY DATA SHEET 07526800 PAGE [1]

	<u>SAFEIY DATA SF</u>	<u>IEEI</u> 07526800 PAGE					
Manufacturer	NAME OF MANUFACTURER : TAIHO CHEMICAL IND	USTRY Co., LTD					
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 F	AX : 81-048-222-7443					
	Emergency contact : 81-0480-85-5157 T	EL : 81-0480-85-5157					
	Making section : Quality Management Divisi	on Revision : 2015/6/23	}				
Specific of	Product name Tamiya Color XF	-68 NATO Brown					
Product	Kind AQUEOUS ACRYLIC	RESIN PAINT					
Summary of	GHS classification						
Danger and Harmful	Flammable liquids	Category 3					
	Acute toxicity (Oral)	Not classified					
	Acute toxicity (Dermal)	Not classified					
	Acute toxicity (Gases)	Classification not possible					
	Acute toxicity (Vapours)	Not classified					
	Acute toxicity (Dusts and Mists)	Not classified					
	Skin corrosion /irritation	Category 3					
	Serious eye damage/eye irritation	Category 2					
	Respiratory sensitization(Solid/Liquid)	Not classified					
	Respiratory sensitization(Gases)	Classification not possible					
	Skin sensitization	Not classified					
	Germ cell mutagenicity	Category 1B					
	Carcinogenicity	Category 2					
	Reproductive toxicity	Category 1A					
	Additional category for effects on or via lactation	Classification not possible					
	Specific target organ systemic toxicity-repeated exposure	Category 1 Category 2					
	Aspiration hazard	Not applicable					
	Hazardous to the Aquatic Environment(acute)	Not classified					
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	Hazardous to the Aquatic Environment(acute) Hazardous to the Aquatic Environment(chronic)	Not classified					
	Hazardous to the Aquatic Environment(acute) Hazardous to the Aquatic Environment(chronic) Label Element	Not classified Not classified					
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COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Composition(%)	
Nater	7732-18-5	28.0%	
Calcium carbonate	471-34-1	0.6%	
Silica. vitreous	60676-86-0	1. 7%	
Titanium dioxide	13463-67-7	4.0%	
Ethanol	64-17-5	3.8%	
Propan-2-ol	67-63-0	15.8%	
Butanol. 3-methoxy-3-methyl-	56539-66-3	2.3%	
2-Propanol. 1-methoxy-	107-98-2	17.0%	
Carbon black	1333-86-4	0.5%	
Acrylic acid resin	25950-40-7	15.1%	
C.I.Pigment Yellow 13	5102-83-0	2.3%	
Aluminium hydroxide	21645-51-2	6. 7%	
C.I.Pigment Red 170	2786-76-7	2.2%	
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FIRST-AID MEASURES

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.
IF INHALED	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 PROTECENGINEERING MEASURES : PERSONAL PROTECTIVE EQUIPMENT	CTION Use exhaust ventilation to keep airborne concentration below exposure limit.
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 :	Brown	Odor :	[Aromatic od	or]
Boiling point	:	[82.40~ 120.0	0°C]			
Vapor pressure	:	[4266.00Pa (20.	[(3°0)]			
Density	:	[1	.060 / 20°C]		pH :	[7~8]	
Danger informat	tion						
Flash point :		[33.0°C]	Auto	ignition :	[278.00 °C	C]
Lower Explosion	Limit :	[2.50 %]	Upper Ex	plosion 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 \Leftrightarrow There is a threat that harmful gas such as CO occurs

Others reactivity information

 \bigstar To be a normal condition is stability

Acute Acute Acute toxicity Acute toxicity Acute toxicity Skin corrosion CHEMICAL NAME toxicity(Oral) toxicity(dermal) (Gases) (Vapours) (Dust/Mists) irritation Classification not possible Not classified Classification not possibl Not applicable Not applicable Calcium carbonate Classification not possible 6450mg/Kg Not classified Not classified Not applicable Classification not possible Not classified Titanium dioxide Not classified 10000mg/Kg 10000mg/Kg Not classified Classification not possible Not applicable Not classified Not classified Ethanol Not classified 5000mg/Kg 20000ppm Category 5 Category 5 Not applicable Not classified Classification not possible Propan-2-ol Not classified 3437mg/Kg 4059mg/Kg 29512ppm Not classified Not classified Not applicable Classification not possible Classification not possible 2-Propanol. 1-methoxy-Category 3 13000mg/Kg 5113mg/Kg Not classified Classification not possible Not applicable Classification not possible Classification not possible Carbon black Classification not possible 15400mg/Kg

TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION							
CHEMICAL NAME	Serious eye damage		sensitization	Skin	Germ cell	Carcinogenicity	
	eye irritation	solid/liquid	gases	sensitization	mutagenicity	,	
Calcium carbonate	Classification not possible	Classification not possible	Not applicable	Classification not possible	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 A	quatic 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	
		-	-		

TOXICOLOGICAL INFORMATION

Specific target organ systemic toxicity - single exposure

Category 3, Titanium dioxide (Respiratory tract irritation) (*)

Category 3, Ethanol (Respiratory tract irritation, an esthetic 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 UN classification 3
Packing Group III

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