

SAFETY DATA SHEET

Manufacturer Information	NAME OF MANUFACTURER : IKEGAMI PAINT INDUSTRY COMPANY	
	ADDRESS : 141-1 YANBARA SHIMIZU-WARD SHIZUOKA-PREFECTURE JAPAN	
	Emergency TEL No. : 81-054-365-3726	Person in charge : MASAYUKI IKEGAMI
	Emergency contact : 81-054-365-3726	Revision : 2015/07/01
Specific of Product	Product name Tamiya Color X-20A Thinner	
	Kind	Thinner
Summary of Danger and Harmful	GHS classification	
	Inflammable liquid	Category 3
	Acute toxicity (Oral)	Not classified
	Acute toxicity (Dermal)	Not classified
	Acute toxicity inhalation (Gases)	Classification not possible
	Acute toxicity inhalation (Vapours)	Not classified
	Acute toxicity inhalation (Dusts and Mists)	Not classified
	Skin corrosion / irritation	Category 2
	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	Not classified
	Carcinogenicity	Not classified
	Reproductive toxicity	Category 2
	Additional category for effects on or via lactation	Classification not possible
	Specific target organ systemic toxicity-single exposure	Category 3
	Specific target organ systemic toxicity-repeated exposure	Not classified
	Aspiration hazard	Not applicable
	Hazardous to the Aquatic Environment (acute)	Not classified
	Hazardous to the Aquatic Environment (chronic)	Classification not possible
	Label Element	
		
Signal word	Danger	
Hazard statements		
Flammable liquid and vapour Causes skin irritation Causes serious eye irritation May Damage fertility or the unborn child. May cause respiratory irritation ,May cause drowsiness or dizziness		

FIRST-AID MEASURES

- Eye contact** : 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.
- SKIN CONTACT** : 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.
- INHALATION** : 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.
- INGESTION** : 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 nonsparking tools.
- Remove leaking containers to a safe place, if feasible.
- Notify police and fire brigade.

HANDLING & 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 handtools.
- 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 from oxidizing materials and sources of ignition.
- Store in a cool, dry, well-ventilated location.
- Keep away from 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 : [Colorless and transparent] Order : [Aromatic order]

Boiling point : [206.6 ~ 345.2 F]

Vapor pressure : [4133 Pa (89.6 F)]

Specific gravity : [0.93 / 68 F]

Danger information

Flash point : [91.4 F] Autoignition : [743 F]

Lower Explosion Limit : [1.2 %] Upper Explosion Limit : [13.5 %]

STABILITY & REACTIVITY

Material with the danger by contact

☆ oxidizing agent

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

TOXICOLOGICAL INFORMATION

Specific target organ systemic toxicity – single exposure

Category 3, 1-Propanol (anesthetic action, Respiratory tract irritation)

Category 3, Butan-2-ol (Respiratory tract irritation, anesthetic action)

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 Class 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
