

SAFETY DATA SHEET

9-Aug.-2017

1.IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name : E-A0
General Use : Coating
Company Name : Nichibi Co.,Ltd.
Adress
Head Office : 5-18-7 Shinjuku Shinjuku-ku TOKYO 160022 JAPAN
Factory : 2-38-12 Manganji Hino-shi TOKYO 1910024 JAPAN
Telephone No. : +81-42-514-9821
Emergency Telephone No. : +81-3-5155-5775

2.HAZARDS IDENTIFICATION

GHS Classification

Physical Hazards Flammable liquids Classification not possible
Corrosive to metals Classification not possible

Health Hazards

ACUTE TOXITY(Oral) Category 4
ACUTE TOXITY(Transdermal) Category 3
ACUTE TOXITY(Gases) Classification not possible
ACUTE TOXITY(Vapors) Category 3
ACUTE TOXITY(Dust and Mists) Category 4(Mists)
SKIN CORROSION/IRRITATION Category 1A
EYE DAMEGE/IRRITATION Category 1
SENSITIZATION-RESPIRATORY,-SKIN Category 1(SKIN)
GERM CELL MUTAGENICITY Classification not possible
CARCINOGENICITY Classification not possible
TOXIC TO REPRODUCTION Classification not possible
SPESIFIC TARGET ORGAN SYSTEMIC TOXITY
(SINGLE EXPOSURE) Category 1
(RESPIRATORY SYSTEM)
Category 2(THE LIVER)
SPESIFIC TARGET ORGAN SYSTEMIC TOXITY
(REPEATED EXPOSURE) Category 1
(NERVOUS SYSTEM,
THE KIDNEYS, THE LIVER,

	ASPIRATION TOXITY	RESPIRATORY SYSTEM) Classification not possible
--	-------------------	--

Enviromental Hazards

HAZARDOUS TO THE AQUATIC (ACUTE HAZARD)	ENVIROMENTAL Classification not possible
---	---

HAZARDOUS TO THE AQUATIC (CHRONIC HAZARD)	ENVIROMENTAL Classification not possible
---	---

Label Element Symbol



Signal Word · Danger

- Hazards Statement
- Harmful if swallowed.
 - Toxic in contact with skin.
 - Toxic if inhaled.
 - Harmful if inhaled.
 - Causes severe skin burns and eye damage.
 - Causes serious eye damage.
 - Causes damage to respiratory system.
 - May cause damage to liver.
 - Causes damage to respiratory system through prolonged or repeated exposure.

Precautionary Statement

- Obtain SDS before use.
- Do not handle until all safety precautions have been read and Understood
- Do not breath dust /fume/gas/mist/vapours/spray
- Do not eat ,drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Avoid release to the enviroment
- Wash hands thoroughly after handling
- Wear protective gloves and eye/face protection
- If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or

doctor/physician. Do Not induce vomiting.

- If in eyes : Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing

3.COMPOSITION INFORMATION ON INGREDIENTS

Material specification : Mixture

Component : Urethane acrylate oligomer , acrylic monomer , methacrylate monomer, Methacrylic acid , Acrylic acid , additives

4.FIRST AID MEASURES

- Inhalation : Immediately remove affected person into fresh air and keep at rest. Seek immediate medical treatment if affected severely.
- Skin Contact :Wash with plenty of soap and water. Obtain medical attention if symptoms develop. Remove contaminated clothes, Wash before reuse.
- Eye Contact : Immediately flush eyes with plenty of fresh water for at least 15 minutes and seek medical advice.
- Ingestion :Clean the mouth thoroughly with water. Induce vomiting and call a physician and do not vomiting.

5.FIRE FIGHTING MEASURES

Extinguisher Medias :Foam,Carbon dioxide,Dry powder
Do not use water

Fire Fighting Instructions
:Shut off all flammable materials and fire is extinguished by using an appropriate extinction medicine.The extinction work is done from the windward as much as possible.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions :Use personal protective clothing(gloves,respirator and so on)
Ensure adequate ventilation.

Environmental precautions: It is noted that flows out is exhausted to the river etc. Do not

allow to release untreated polluted water.

Methods for clean up/taking up

:Take up absorbent material (eg sand, kieselguhr,universal binder)

Deposit in appropriate containers for removal and disposal.

7.HANDLING AND STORAGE

Handling

:Exhaust ventilation at the object is nessesary.

Avoid contact with skin ,eyes,or clothing.

Wash thoroughly after handling.

Reduce potential for static discharge.

Use spark–proof tools and explosion–proof equipment

Storage

:Keep container tightly closed.

Keep away from heat or sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls :Use exhaust ventilation.

Personal protection

Respiratory : respirator

Hand Protection :Gloves(solvent–proof)

Eye Protection :Chemical goggles and face shield when handling.

Skin Protection :To prevent any contact,wear impervious clothing such as appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Viscous liquid

Odor :Acrylic odor

pH :Not Available

Boiling Point : Not Available

Melting Point :Not Available

Flash Point : Not Available

Viscosity : Not Available

Density : Not Available

Solubility :Insolubility in watar

10.STABILITY AND REACTIVITY

Stability : Stable under ordinary conditions of use and storage.

Cause polymerization by light (UV and visible light) .

Ractivity :It react by light.

Conditions to Avoid : Heat, high temperature.

Materials to Avoid :Strong oxidizers, Storong alkali, Storng acid

11.TOXICOLOGICAL INFORMATION

Acute Toxicity	:Not Available
Chronic Toxicity	:Not Available
Carcinogenesis Toxicity	:Not Available
Reproductive Toxicity	:Not Available
Mutagenesis	:Not Available
Teratogenesis	:Not Available
Skin irritation	:P.I.I Not Available

12.ECOLOGICAL INFORMATION

Ecotoxicity	:Not Available
Persistence and Degradability	:Not Available
Bioaccumulative Potential	:Not Available

13.DISPOSAL INFORMATION

Comply with national, and local environmental regulations.

Do not dump this product into sewers,on the ground or into any body of water.

14.TRANSPORT INFORMATION

Land Transport ADR, RID

Class	: Not classified for transport
Packing Group	: Not classified for transport
UN Number	: Not classified for transport
Proper Shipping Name	: Not classified for transport

Sea Transport IMDG

Class	: Not classified for transport
Packing Group	: Not classified for transport
UN Number	: Not classified for transport
Proper Shipping Name	: Not classified for transport
Marine Pollutant Material	: The product should not be marked as a marine pollutant

Air Transport ICAO/IATA

Class	: Not classified for transport
Packing Group	: Not classified for transport
UN Number	: Not classified for transport

Proper Shipping Name : Not classified for transport

15.REGURATORY INFORMATION

Follow all regulations in your country.

16.OTHER INFORMATION

This information is furnished without warranty,express or implid ,expect that it is accurate to the best knowledge of Nichibi Co., Ltd.. It relates only to the specific product designed herein, and does not relate to use in combination with any other material or process. Nichibi Co., Ltd. assumes no regal responsibility for use or relation or reliance upon this Information.