

SAFETY DATA SHEET

28-July-2017

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name : E-M
General Use : Coating
Company Name : Nichibi Co.,Ltd.
Address
Head Office : 5-18-7 Shinjuku Shinjuku-ku TOKYO 160022 JAPAN
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Emergency Telephone No. : +81-3-5155-5775

2. HAZARDS IDENTIFICATION

GHS Classification

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

Health Hazards

ACUTE TOXITY(Oral)	Not Classified
ACUTE TOXITY(Transdermal)	Classification not possible
ACUTE TOXITY(Gases)	Classification not possible
ACUTE TOXITY(Vapors)	Classification not possible
ACUTE TOXITY(Dust and Mists)	Classification not possible
SKIN CORROSION/IRRITATION	Classification not possible
EYE DAMEGE/IRRITATION	Classification not possible
SENSITIZATION-RESPIRATORY,-SKIN	Classification not possible
GERM CELL MUTAGENICITY	Classification not possible
CARCINOGENICITY	Classification not possible
TOXIC TO REPRODUCTION	Classification not possible
SPEISIFIC TARGET ORGAN SYSTEMIC TOXITY (SINGLE EXPOSURE)	Classification not possible
SPEISIFIC TARGET ORGAN SYSTEMIC TOXITY (REPEATED EXPOSURE)	Classification not possible
ASPIRATION TOXITY	Classification not possible

Enviromental Hazards

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

Classification not possible

Label Element Symbol None

Signal Word · None

Hazards Statement · Harmful if inhaled.
· Harmful if swallowed.
· Causes skin irritation.
· Causes serious eye damage.

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 : Acrylic polymer, Urethane acrylate oligomer , acrylic monomer , methacrylate monomer, 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 windwarc 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, kiselguhr,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 potencial 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 : Semi-transparent 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 REACTIBITY

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. REGULATORY INFORMATION

Follow all regulations in your country.

16. OTHER INFORMATION

This information is furnished without warranty, express or implied, 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 legal responsibility for use or relation or reliance upon this information.