



## GHS Safety Data Sheet

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Waterborne Acrylic Electro-deposition Resin TE-2300A	
Other Name : ---	
Recommended Application & Restricted Application :	Only apply for electrocoating of metals or electric conductive workpiece. This product can be applied for other purposes.
Name of Manufacturer :	Tatung Fine Chemicals Corporation
Address : 247-1, 16 Ling, Tsaotah Village, Kuanyin, Taoyuan County, Taiwan.	
Emergency TEL/FAX No : +886-3-4830321/+886-3-4838381	

### SECTION 2 - HAZARDS IDENTIFICATION

Hazard Identifying Information :

Flammable Liquids Level 3, Acute Toxicity (Ingestion) Level 4,  
 Acute Toxicity (Skin Contact) Level 4, Skin Corrosion/Irritation Level 2,  
 Serious Eye Damage/Eye Irritation Level 2B, Aspiration Hazard Level 2  
 Specific Target Organ Toxicity-Repeated Exposure Level 2,  
 Hazardous To The Aquatic Environment (Acute And Chronic) Level 3

Labelling Content :

Symbols :



Signal Word : WARNING

Hazardous Warning Messages :

- Flammable Liquids and Gases
- Fatal if Swallowed
- Harmful to Skin
- Causes Irritation to Skin
- Causes Irritation to Eye
- Specific Target Organ Damaged in Long Term/Repeated Exposure
- Harmful if Swallowed
- Toxic to Marine Life

Hazard Prevention Measures:

Rinse with plenty of water if contacted with eye, summon eye specialist.

Consult doctor immediately if feeling unpleasant after accidental contact.

Other Hazards : ---



## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS Number	Hazardous Substances' Name	Proportion (Percentage)
CAS NO. : 111-76-2	Ethylene Glycol mono-Butyl Ether	11-13 %
CAS NO. : 067-63-0	Isopropyl Alcohol	10-12 %
CAS NO. : 112-25-4	Ethylene Glycol Mono-hexyl Ether	7-9 %

## SECTION 4 – FIRST AID MEASURES

First Aid Measures for Different Ways of Exposure :

After Inhalation : Remove the source of contamination or transfer the victim to open air area and supply fresh air.

Carry out artificial respiration if stop breathing, apply CPR if the victim' s heart stop beating until the victim back to conscious.

Seek for medical care immediately.

After Skin Contact : Wash the contacted area with running water for more than 20 minutes immediately.

Remove the contaminated clothing, dispose / reuse it after cleaned completely.

If skin irritation continues, consult doctor immediately.

Skin absorption might causes over toxic dose's limit.

After Eye Contact : Rinse opened eye for more than 20 minutes under running water.

Seek for medical care immediately.

After Ingestion : If the victim is unconscious or spasm, do not feed any food.

Do not induce vomiting.

Seek immediate medical advice.

The Most Important Symptom and Harmful Effect : NIL

Protection for First Aid Personnel : NIL

Advice to Doctor : NIL

## SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Agents : Water, foam, CO<sub>2</sub> or dry powder fire fighting equipment.

Special Risks : NIL

Special Procedure : Remove all the flammable objects.

Protective Equipment : Wear self-contained breathing apparatus.



## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Person-related Safety Precautions : Particular danger of slipping on leaked/spilled product.

Measures for Environment Protection: Fully reclaim to prevent from feeding of product with sewage system or water bodies to birds and fishes.

Measures for Cleaning: Reclaim for reuse purpose or disposal.

## SECTION 7 – HANDLING AND STORAGE

Handling: 1. Operate in minimum usage in fixed area under good ventilation and away from heat and spark.  
2. Wear proper protective equipment, avoid eye and skin contact.  
3. Fans and motors must be able to flameproof.  
4. Close the cover tightly when not in used.

Storage : 1. Store in cool place, avoid from direct sunlight, rain and rapid changes of temperature.  
2. Store in non-smoking area.  
3. Store inside qualified container.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Control :

Control Parameter : NIL

- Average admit concentration in 8 hours working hour/ average admit concentration in short term period/ maximum admit concentration : NA
- Bio-indicators : NIL

Personal Protective Equipment:

- Respiratory Protection : 1. Chemical Cartridge Respirators (Organic Gases).  
2. Self-Contained Breathing Apparatus.  
3. Organic Gases-Contained Air Purifying Respirator.  
4. Self-Carry Respirators.
- Hand Protection : PVA hand glove.
- Eye Protection : Chemical splashing protective goggle, full-cover mask.
- Skin/Body Protection : Rubber material body suit and boots.

Hygiene Measures : 1. No smoking or eating at working area.  
2. Wash hands after handling this product.  
3. Maintain good internal management.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Shape : Shapeless

Color : Light Yellow

Odour : Mild Pungent



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pH Value : --- (pH 4-5 after make-up to 10% Electrodeposition Paint)	Boiling Point/Boiling Range : >100°C
Decomposition Temperature : NA	Flash Point : 61°C Test Method : ●Open Cup ○Close Cup
Self-Inflammability : Product is not self-igniting	Explosion Limit : ---
Vapour Pressure: ---	Vapour Density : (Gas=1) > 1
Relative Density : 0.95-1.05	Solubility : Soluble

## SECTION 10 – STABILITY AND REACTIVITY

Stability : ●Stable ○Unstable
Possibility of Hazardous Reaction : NIL
Conditions to Avoid : Dry, Heat, Sunlight and Fire.
Incompatible Materials : NIL
Hazardous Decomposition Products : Heating of product might produce harmful carbon oxides compounds.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: 1. Inhalation : Pungent, Coughing and Headache. 2. Skin : Irritations. 3. Eye : Gas causes irritation Liquid causes irritation, ache, swelling and cornea hurt for few days 4. Ingestion : Irritations, Pungent, Coughing and Headache.
Local Effect : NIL
Sensitization : NIL
Chronic Toxicity or Long-Term Toxicity : Might causes irritations to respiratory tract and eye, damage hematopoietic cells.
Special Effect: NIL

## SECTION 12 – ECOLOGICAL INFORMATION

Potential Environmental Impact : NIL
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## SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods : 1. Buried in specific landfill site or legal incineration. 2. Flush with plenty of water to avoid accumulate of flammable gases, if small quantity of chemical is drained into the drain system.
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## SECTION 14 - TRANSPORT INFORMATION



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UN Number : 1263
UN Proper Shipping Name : ---
Transport Hazard Class : 3
Packing Group : III
Marine Pollutant (Yes/No) : No
Special Precautions for User : ---

## SECTION 15 - REGULATORY INFORMATION

Applicable Laws/Regulations : N/A
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## SECTION 16 – OTHER INFORMATION

References	Tatung Fine Chemicals Co. TE-2300 Product Manual	
Issued Company	Title: Tatung Fine Chemicals Co.	
	Address/TEL : 247-1, 16 Ling, Tsaotah Village, Kuanyin, Taoyuan County, Taiwan./TEL : +886-3-4830321.	
Issuer	Designation: Products 2nd Div. Manager	Name : Guan-Hueng Wu
Date of Issue	12 <sup>th</sup> May 2010	