



## **DATE OF PREPERATION**

Dec 23rd 2022

## SECTION 1- PRODUCT AND COMPANY INFORMATION

Product Info

Products Name: KMKZ WINDOW COAT

Products Code: KMWC01

Intended Use: professional and consumer use

Company Info

KC International Co.,Ltd

CEO/Owner: Kai Morita (森田 海)

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代表取締役:森田 海

## **SECTION 2- HAZARDS IDENTIFICATION**

HAZARDS IDENTIFICATION

Inhalation: May cause coughing, dizziness, headache and nausea

Skin Contact: May cause dry skin, redness and itching

**Eye Contact**: Irritation may occur.

**Swallowing**: May cause headaches, nausea and vomiting.

## Classification of the substance or mixture

Flammable Liquid	2		
Eye Irritation	2		
STOT SE	3		

## GHS label elements





Signal word: Danger

### **Hazzard Statements**

H225	Highly flammable liquid and vapor	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	

## **Precautionary Statements**

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P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot
	surfaces No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.





P280	Wear protective gloves/protective clothing/eye	
	protection/face protection.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for	
	several minutes. Remove contact lenses, if present	
	and easy to do. Continue rinsing.	

Other hazards

No information available

# SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

CAS No	Chemical Name	Quantity		
	EC No	Index No	REACH No	
67-63-0	Propan-2-ol			75-85%
	200-661-7			
64-17-5	Ethanol			5-15%
	200-578-6			
7664-93-9	Sulphuric acid			1-2%
	231-639-5			
308068-56-6	Carbon nanotubes			<1%
	608-533-6			

# SECTION 4- FIRST AID MEASURES

**Eye Contact**: Flush with plenty of water or saline solution for removing the chemical. Never introduce oil or ointment into the eyes without medical advice. If pain is present, refer the victim to an

ophthalmologist for further treatment and follow up.

Inhalation: Remove casualty to fresh air and keep at rest.

Swallowing: Rinse mouth with water (only if the person is conscious), do not induce vomiting, seek

medical advice immediately.

# SECTION 5- FIRE FIGHTING MEASURES

**Extinguishing media**: Water, Dry chemical powder, Carbon Dioxide, or Foam.

**Special fire-fighting procedures**: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray or alcohol-type foam to cool





fire-exposed containers. Do not use straight stream.

**Unusual fire and explosions hazards**: Container explosion may occur under fire conditions. May emit toxic fumes under fire conditions.

# SECTION 6- ACCIDENTAL RELEASE MEASURES

Cover with an inorganic absorbent, like vermiculite, perlite, ground clay, or sand, sweep up, and dispose appropriately. Dike to contain and pump into drums for use or disposal. If any material remains Add inorganic absorbent (as above), sweep up, and dispose appropriately. Clean contaminated area with soap and water. In case of accidental spill or release, refer to Section 8, Personal Protective Equipment and General Hygiene Practices.

## SECTION 7- HANDLING AND STORAGE

### **STORAGE**

Store in a cool, dry place. Store at  $0\sim20^{\circ}$ C Highly reactive. React with water or alcohol to give ammonia, hydrogen gas or silanes.

### **HANDLING**

Containers, even those that have been emptied, can contain product residues. Do not use these containers for storing food or drinking water. Wash hands with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. . Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

# SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

## **CONTROL PARAMETERS**

Sulphuric acid [CAS 7664-93-9]: TWA 8 hour 0,05 mg/m3

The maximum workplace concentration values by the European Union level.

Please check any national occupational exposure limit values for your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU.

## **RESPIRATORY SYSTEM PROTECTION**

Short term harmful effects are not expected from vapor generated at ambient temperatures. Use ventilation as required to control vapor concentrations.

#### **SKIN PROTECTION**

Avoid skin contact. Wear normal work clothing. Individuals with sensitive skin conditions should wear gloves, outer clothing or apron, overshoes and a face-shield suitable to potential exposure.

#### **EYE PROTECTION**

Avoid getting in eyes. Wear chemical goggles if there is potential contact with eyes. Eye wash fountains and safety showers should be available for emergency use.

# SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Physical state/appearance** Liquid

**Color** Transparent

OdorCharacteristic for alcoholpH $2.7 \pm 0.5$  (10 % solution)

Boiling point 83°C

Flash point 11,7 °C (propan-2-ol) Density 0,805  $\pm$  0,01 g/cm3 (20°C)

**Solubility** Insoluble





## SECTION 10- STABILITY AND REACTIVITY

**STABILITY** stable

HAZARDOUS POLYMERIZATION will not occur

HAZARDOUS DECOMPOSITION PRODUCTS none

## SECTION 11-TOXICOLOGICAL INFORMATION

**Carcinogenicity information**: Not listed as a carcinogen by NTP; not regulated as a carcinogen by OSHA; not evaluated by IARC

**Reported human effects**: No human studies have been conducted with this material. The use of recommended protective equipment should prevent any adverse effects from workers handling this material.

## SECTION 12- ECOLOGICAL INFORMATION

#### **ECOTOXICOLOGICAL INFORMATION**

No data available

## SECTION 13- DISPOSAL CONSIDERATIONS

### **WASTE DISPOSAL METHOD**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## SECTION 14-TRANSPORT INFORMATION

US DOT Non-Applicability
IATA Non-Applicability

# SECTION 15- ECOLOGICAL INFORMATION

Management of chemical substances None and Promotion Act (PRTR Law)

Fire Service Act None Occupational Safety and Health Act None Poisonous and Deleterious Substances Control Act None Ship Safety Act None The Civil Aeronautics Act None

## SECTION 16- OTHER INFORMATION

#### WASTE DISPOSAL METHOD

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### **IMPORTANT**

#### LIABILITY DISCLAIMER

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the





material are solely the responsibility of the user and remain at his sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.