

## Safety Data Sheet (SDS)

E-PRO Material

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### Section 1 - Identification of the substance/preparation and of the company/undertaking

#### Product identifier

**Product Name:** All Products in E-PRO Material  
**Material:** E-PRO Cellulose Acetate Material  
**Product Use:** Industrial use in polymer production.  
**Use Advanced Against:** Not Applicable

#### Details of the supplier of the safety data sheet

**Manufacture/Supplier:** Shenzhen KIMYE Acetate Manufactory  
**Address:** 1-3F,13# DaWang Industrial Zone, Dakang XinTang Village, HengGang, LongGang, Shenzhen, China  
**Tel:** 0755-2865 9892  
**Emergency number:** 0755-2865 9892  
**E-mail :** joelam@kimye.com.cn  
**Fax :** 86 755 2865 9891

Further information obtainable from: Shenzhen KIMYE Acetate Manufactory

### Section 2 - Hazards Identification

CAUTION!

MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

#### HMIS® Hazard Ratings:

Health - 1, Flammability - 1, Chemical Reactivity - 0

#### Classification according to regulation (EC) No 1272/2008 [CLP]

Not Applicable

**Label Elements:** Not Applicable

**Signal Word:** Not Applicable

### Section 3 -Composition/Information on Ingredients

Ingredient Name	CAS No.	EC No.	Content (%)
Cellulose acetate	9004-35-7	618-380-7	>55
Plasticizer	~	~	<40
Additive(S)/ Colorant(s) proprietary	~	~	<5

### Section 4 - First Aid Measures

#### INGESTION

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

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- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

### **EYE**

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### **SKIN**

If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

### **Inhalation**

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

## **Section 5 - Firefighting Measures**

### **EXTINGUISHING MEDIA**

- Water Spray
- Dry chemical
- Carbon dioxide.

### **SPECIAL FIRE FIGHTING PROCEDURES**

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear self-contained breathing apparatus plus protective clothing.

### **FIRE/EXPLOSION HAZARD**

None

### **FIRE INCOMPATIBILITY**

- Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as

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Ignition may result

### **HAZARDOUS COMBUSTION PRODUCTS**

Carbon dioxide, Carbon monoxide

### **Section 6 –Accidental Release Measures**

#### **MINOR SPILLS**

- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Control personal contact with the substance, by using protective equipment.

#### **MAJOR SPILLS**

- Advise personnel in area.
- Alert Emergency Services and tell them location and nature of hazard.
- Control personal contact by wearing protective clothing.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

### **Section 7 - Handling and Storage**

#### **PROCEDURE FOR HANDLING**

- Wear protective clothing when risk of exposure occurs.
- Store in original containers. Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

#### **SUITABLE CONTAINER**

- Polyethylene or polypropylene container.
- Check all containers are clearly labeled and free from leaks.

#### **STORAGE INCOMPATIBILITY**

- Avoid reaction with oxidizing agents.

### **Section 8 - Exposure Controls, Personal Protection**

#### **Respiratory Protection**

If Engineering controls do not maintain airborne concentrations below recommended exposure limits \*where applicable) or to an acceptable level (in countries where exposure limits have not been established), and approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

#### **Personal protection**



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### **Eye and face protection**

- Safety glasses with side shields.
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.

### **Skin protection**

See Hand protection below

### **Hands/feet protection**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Suitability and durability of glove type is dependent on usage.

### **Body protection**

See other protection below

### **Other protection**

- Overalls.
- P.V.C. apron.
- Barrier cream.

## **Section 9 - Physical and Chemical Properties**

### **Information on basic physical and chemical properties**

Physical state:	Solid
Appearance:	from clear to matt
Odour:	slight
Flash point:	not applicable, combustible solid
Specific gravity:	>1
Vapour pressure:	not applicable
Viscosity:	not applicable
Water solubility:	not soluble
PH:	not applicable
Ratio of volatiles:	not applicable
Explosion limit:	not applicable

## **Section 10 - Stability and Reactivity**

**Reactivity** See section 7

### **Stability**

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Not fully evaluated. Material containing similar structural groups is normally stable.

### **Incompatibility**

Material reacts with strong oxidizing agents.

### **Hazardous Polymerization**

Will not occur

## **Section 11 - Toxicological Information**

### **Information on toxicological affects**

#### **Acute Toxicity**

**LD/LC50 values relevant for classification** No data.

#### **Primary irritant effect**

**On the skin**                      Not found

**On the eyes**                      Not found

**Inhaled**                              Not found

**Sensitization:**                      Not found

## **Section 12 - Ecological Information**

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>	<b>Bioaccumulation</b>	<b>Mobility</b>
Cellulose acetate	No Data available	No Data available	No Data available	No Data available
Plasticizer	No Data available	No Data available	No Data available	No Data available

## **Section 13 - Disposal Considerations**

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use.

## **Section 14 - Transport Information**

### **Labels Required**

Marine Pollutant: NO

**Land transport (UN):**                      NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

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**Air transport (ICAO-IATA / DGR):** NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**Sea transport (IMDG-Code / GGVSee):** NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

### **Section 15 - Regulatory Information**

#### **US FEDERAL**

**TSCA:** CAS# 9004-35-7 is listed on the TSCA inventory.

**Health & Safety Reporting List:** None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules:** None of the chemicals in this product are under a Chemical Test Rule.

**TSCA Significant New Use Rule:** None of the chemicals in this material have a SNUR under TSCA.

**CERCLA Hazardous Substances and corresponding RQs:** None of the chemical in this material have an RQ.

**Clean Air Act:** This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

**Clean Water Act:** None of the chemicals in these products are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutant under the CWA.

### **Section 16 - Other Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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\*\*\*End \*\*\*