

# **Safety Data Sheet**

## **1. COMPANY IDENTIFICATION**

Product Name: **Acrylic Powder**  
Company: Guangzhou Youxing Cosmetics Co.,Ltd  
Address: No.32,Shuanghe 2<sup>nd</sup> Raod,Chunaghong,Baiyun Dist,Guangzhuo,China  
Information Phone No: +86 20-34374677  
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## **2.COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Cas.No	Ec.No	INCI Name	Content
Poly Methyl Methacrylate	9011-14-7	201-297-1	Poly Methyl Methacrylate	98.2%
Benzoyl Peroxide	94-36-0	202-327-6	Benzoyl peroxide	0.08
Pigment	N/A	N/A	Pigment	0.1-1%
Shimmer Bronze SunCROM™	CI 77019	N/A		
BROWN IRON OXIDE Mixture	CI 77419	N/A		
MICA	CI 77019			
CI 77891(WHITE)	13463-67-7			
CI 19140(YELLOW)	1934-21-0			
CI 77510(BLUE)	14038-43-8			
CI 77499(BLACK)	12227-89-3			
CI 15880(RED)	6417-83-0			

## **3.HAZARD IDENTIFICATION**

Most Important Hazards	None
Adverse Human Health Effects	None
Environmental Effects	None
Physical and Chemical Hazards	None

## **4.FIRST AID MEASURES**

Inhalation	In case of gases evolving from melted resin, move subject to fresh air. Treat symptomatically.
Skin Contact	In case of pellets or powder, wash with water. In case of melt, wash affected skin area and clothing with plenty of (soap and) water. Seek medical advice.
Eye Contact	In case of pellets or powder, flush with plenty of water for at least 15 minutes.

Seek medical advice if any dust particles still remain.

In case of gases evolving from melted resin of high temperature, flush with plenty

Of water for at least 15 minutes. Seek medical advice if necessary.

Ingestion Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

## **5.FIRE-FIGHTING MEASURES**

Extinguishing Media

Water, Foam, Dry chemical powder

Special Fire-Fighting Procedure

Self contained breathing apparatus

## **6.ACCIDENTAL RELEASE MEASURES**

Methods for Cleaning up	Recovery if not contaminated or Disposal
Personal Precautions	Pellets or powder remained on ground may cause slipping
Environmental Precautions	Gather pellets and powder thoroughly to avoid birds or fishes taking from draining water.

## **7.HANDLING AND STORAGE**

Handling	Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.
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Storage	Keep the materials at a cool dry place. Protect from direct sunlight, rain and Violent temperature fluctuation. Fire is inhibited around storage area.
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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Threshold Limit Value	Not determined
Ventilation	Necessary to exclude dust, fumes and gases.
Personal Protection eye	Wear safety glasses for general purpose. Wear chemical goggles
Respiratory	Wear masks for cleaning molding machines.
Gloves	Necessary for handling melted resin.

## **9.PHYSICAL and CHEMICAL PROPERTIES**

Physical form	Pellets
Odor	None
Odor threshold	Not Established
PH	Not Applicable
Boiling point	Not Applicable
Melting/Freezing point	See Softening Point
Softening point	104 ~ 118°C (219 ~ 244°F)
Solubility in water	Insoluble
Solubility (non aqueous)	Benzene, Acetone, Methyl Ethyl Ketone(MEK), and Chloroform, ... etc.
Specific gravity	Approx. 1.19 kg/m <sup>3</sup>
Bulk density	Approx. 600- 720 kg/m <sup>3</sup>

% Volatile by weight	Negligible
Evaporation rate	Negligible (Butyl acetate = 1)
Vapor pressure	Negligible
Vapor density	Negligible (Air = 1)

## **10.STABILITY AND REACTIVITY**

Stability	This is a stable material
Hazardous polymerization	Will not occur
Incompatibilities	None known
Instability conditions	None known
Decomposition temperature	Begins at approx. 260 C (500 F)
Decomposition products	By fire or thermal decomposition : carbon dioxide, Carbon monoxide, hydrocarbons, and some original monomers such as methyl methacrylate.

## **11.TOXICOLOGICAL INFORMATION**

Irritation	Fumes or vapors generated from decomposing resin may be irritant to eyes.
Acute oral toxicity (LD50)	Not determined
Mutagenicity	Not determined

## **12.ECOLOGICAL INFORMATION**

To avoid being taken by ocean species or birds, disposal of the waste to the ocean and water sources is inhibited.

## **13.DISPOSAL CONSIDERATIONS**

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.  
Inadequate incineration may generate toxic gases such as CO and MMA.

## **14.TRANSPORT INFORMATION**

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMDG

## **15.REGULATORY INFORMATION**

**methyl methacrylate homopolymer (CAS: 9011-14-7) is found on the following regulatory lists;**

"Canada Domestic Substances List (DSL)", "Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS (English)", "Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS

(French)", "International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs", "US DOE Temporary Emergency Exposure Limits (TEELs)", "US NFPA 499 Combustible Dusts", "US Toxic Substances Control Act (TSCA) - Inventory"

## **16.OTHER INFORMATION**

### **LIMITED EVIDENCE**

May produce discomfort of the respiratory system\*.

Limited evidence of a carcinogenic effect\*.

\* (limited evidence).

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