

<p style="text-align: center;">HEYO ENTERPRISES CO., LTD.</p>	<p style="text-align: right;">Solid Acrylic polymer CAS NO. 26284-14-0 AC1006-2</p>
	<p style="text-align: right;">2015/02/26</p>

Material Safety Data Sheet

SECTION 1 · Chemical Product and Company Identification

Product name : Solid Acrylic Polymer

CAS NO. 26284-14-0

Other name : AC1006-2

Recommended use of the chemical and restrictions on use :

Names, addresses, and phone numbers of the manufacturer or supplier :

Heyo enterprises company

Emergency contact phone numbers/fax numbers : 07-7510306

SECTION 2 · Hazard Identification

Classification of the substance or mixture : Non Hazardous Material

This health hazard assessment is based on a consideration of the composition of this product.

May cause eye irritation

SECTION 3 · Composition/Information on Ingredients

Chemical Characterization : Solid Acrylic Polymer

CAS No. : 26284-14-0

Hazardous Component Name	Composition Percentage	Hazard
Symbols		

Acrylic Resin	99%	-
Water	1%	-

SECTION 4, First Aid Measures

The first-aid measures for different exposure routes :

Inhalation : Remove the patient to a place with fresh air. Obtain medical attention if ill effects occur.

Skin contact : Wash with water.

Eyes contact : Immediately flush with plenty of water for 15minutes, and obtain medical attention if still irritation.

Ingestion : Wash out mouth with water. Obtain medical attention if ill effects occur.

Personal protection of first-aiders : Wear glass protective equipment and first aid in safety area.

Further medical treatment : Symptomatic treatment and supportive therapy as indicated.

SECTION 5, Fire Fighting Measures

Not classed as flammable. If involved in a fire, it may emit noxious and toxic fumes.

Suitable fire extinguishing media : Foam, carbon dioxide, dry powder, water spray.

Special exposure hazards : This matter will support combustion, if ignited. Like all thermoplastic materials, it will melt under fire conditions.

Special precautions : -

Protective equipment : -

SECTION 6, Accidental Release Measures

Personal precautions : Spilled particles present a severe slip hazard. Avoid contact with skin and eyes. Do not breathe dust.

Environmental precautions : Do not release to the environment.

Clean-up procedures : Sweep up and shovel into waste container.

SECTION 7, Safe Handling and Storage Measures

Handling procedures : Avoid contact with eyes. Do not breathe dust.

Storage procedures : Store in a cool dry place.

SECTION 8, Exposure Controls Measures

Exposure controls :

Occupational exposure limit total dust: MAC 10 mg/m³.

Occupational exposure limit respirable dust: MAC 5 mg/m³.

Control parameters

Substance name	8 hours time weighted average exposure limits (TWA)	short-term exposure limits (STEL)	maximum exposure limits (CEILING)	biological standards (BEIs)
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Personal protective equipment :

Respirators protection yes, in airborne dusts.

Hands protection -

Eyes protection goggles (in dust).

Skin protection remove particles from skin to avoid plasticization by skin oil.

SECTION 9, Physical and Chemical Properties

Type	BMA/MMA copolymer
Appearance	White ; free flowing bead
Odor	Slight
Specific gravity (water=1)	1.0 ~ 1.1 (20°C)
Total solids (%w/w)	min. 99 %
Average mol. Weight (Mw)	56000
Acid value (mg KOH/g)	6.5
Tg (DSC: °C)	64
Softening point (Ring&Ball)	150 °C
Viscosity Brookfield (25°C)	350~450 mPas (40% in toluene)
Density (20 °C; kg/l)	1.11
Solubility in water (% by wt.)	Insoluble. Soluble in aromatics, alcohols, esters and ketones
Vapor pressure (at 20°C)	not available
Flashing point	none
Explosion Limited	UEL : - LEL : -

SECTION 10, Chemical Stability and Reactivity Information

Stability	Stable
Possible hazards at special condition	None
Conditions to avoid	None
Material to avoid	None
Hazardous decomposition products	None known

SECTION 11, Toxicological Information

Inhalation: Dust may be irritant to the upper respiratory tract.

Skin: Unlikely to cause skin irritation

Eyes: May cause eye irritation

Ingestion: Unlikely to be hazardous if swallowed

SECTION 12, Ecological Information

1. This product is not a hazardous waste.
2. Not hazardous to water (VwVwS 1.12a;17.05.1999).

SECTION 13, Waste Disposal Measures

Dispose in accordance with local and state regulations. This product is not a hazardous waste.

SECTION 14, Transport Information

DOT classification	no regulation
IATA/ICAO classification	no regulation
UN number	no regulation

SECTION 15, Regulatory Information

Not Classified as Hazardous to Users

SECTION 16, Other Information

This information is made by our Ta-Yuan Plant.

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Date: 2015/02/26

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