MATERIAL SAFETY DATA SHEET

SOLID ACRYLIC RESIN

1. Chemical Product and Company Identification

Product name and/or number	Solid Acrylic Resin
Company name	Qingdao Sanhuan Colorchem Co., Ltd.
Address	17 Floor, Yuheng Building, No.170 Xuzhou North Road, Qingdao, China
Telephone	+86 (532) 88978188
Fax	+86 (532) 88962988
MSDS number	03-001-F
Date	2025-01-02

2. Composition/Information on Ingredients

Name	**by Weight**
Acrylic polymer	100 %

See Section 8 for Exposure Controls/Exposure Limits/ Personal Protection Information

3. Hazards Identification

Emergency Overview

Appearance: White powder, solid, Weak odor

This is a non-combustible, non-reactive solid material.

Powder material may form an explosive dust-air mixture.

Potential Health Effects:

Eye Contact	Direct contact with this material may cause eye irritation including tearing and redness.
Skin Contact	Prolonged or repeated skin contact may dry and irritate the skin.
Inhalation	Inhalation of dusts may cause irritation to the respiratory tract (nose, throat and lungs).
Ingestion	Ingestion is not an anticipated route of exposure for this material in industrial use.

4. First-Aid Measures

Eye Contact	Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention if irritation develops.
Skin Contact	Wash skin with soap and water.
Inhalation	Remove victim to fresh air. Keep warm and quiet. Seek medical attention if breathing difficulty develops.
Ingestion	Give the victim one or two glass of water or milk to drink. IMMEDIATELY SEEK MEDICAL ATTENTION.

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5. Fire and Explosive Data

Flammability of the Product	Nonflammable
Flammable Limits	-
General Fire Hazards	This material will support combustion if ignited. Like all the thermoplastic materials, it will melt under fire conditions.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and other products of combustion
Extinguishing Media	Carbon dioxide, dry chemical powder, foam or water
Fire Fighting Equipment	-
Fire Fighting Instructions	Evacuate all persons from the fire area to an explosion-protected location. Move non-burning material, as feasible, to a safe location as soon as possible.

6. Accidental Release Measures:

Personal Protection	Avoid contact with skin. Avoid contact with eyes.
Clean-up Procedures	Wear an approved respirator if dust is generated. Appropriate to reclaim free product, if this is possible. Shovel material into appropriate container for disposal. Follow all local State and Provincial regulations for disposal.

7. Handling and Storage

Handling	Wash hands thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid ignition sources (flames, pilot lights, electrical sparks). NO SMOKING.
Storage	Keep container closed when not in use. Store in original containers. Store in a dry area. Keep away from ignition sources: flames, pilot lights, electrical sparks and sparking tools. NO SMOKING.

8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source. Local exhaust ventilation is recommended when generating excessive levels of airborne dust or vapors.
Personal protective equipment:	
Eye	Wear safety glasses with side shields or goggles.
Skin	Wear suitable protective clothing and gloves.
General	Use good industrial hygiene practices in handling this material. Eye wash fountains and emergency showers are recommended.
Exposure Limits	No components listed.

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9. Physical and Chemical Properties

Color	White
Physical state	Solid
Odor	Weak
Vapor Density	Not applicable
Solubility (water)	Insoluble
Ph:	Not applicable

10. Stability and Reactivity

Chemical stability	This material is stable during storage and during its intended use.
Conditions to avoid	Avoid dispersion of dust in air.
Hazardous Decomposition	Produce normal products of combustion.
Products Hazardous Polymerization	Hazardous polymerization will not occur.

11. Toxicological Information

Toxicity to Animals	No toxicological data is available for this product. Based on properties and similar polymers, the acrylic resin is not hazardous. Contact may cause skin or eye irritation. Ingestion may cause nausea, vomiting, and diarrhea. Inhalation of dust may cause respiratory irritation.

12. Ecological Information

Ecotoxicity	No information is available.
Environmental Fate	No information is available.

13. Disposal Considerations

Waste Disposal	Dispose of waste material according to Local, State, and Provincial Environmental Regulations to ensure that this material and its containers, if discarded, are disposed of in compliance with all regulatory requirements.

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14. Transport Information

Not classified as hazardous and controlled material for transport.

Proper shipping Name	Not restricted.
U. N. Number	-
Packing Group	-
Hazardous Substances	Not available
Special Provisions for Transport	None
Additional Shipping Information	Not Determined
International Transportation	-

15. Regulatory Information

This material is not classified as hazardous to users.

16. Other Information

Notice to reader

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information.

The manufacturer makes no representations and assumes no liability for any direct, incidental or Consequential damages resulting form its use.