

# MSDS & Chemicals Safety Technical Specifications

## Part 1 Product and company identification

Product English Name : Gel Glue

Company Name : [REDACTED]

ADDRESS : [REDACTED]

Tel : [REDACTED]

Technical Specification Code : OQ2018120602    Effective Date : 26th Jan of 2022

Emergency Call : 119

## Part 2 Composition/Information on ingredients

Pure

Mixture

Component	Content Percentage	CAS NO.
Acrylate Copolymer	60-70%	25212-88-8
Acrylates Monomer	25-30%	57472-68-1
Photoinitiator	4 -8%	75980-60-8
Cellulose Acetate Butyrate	1-3%	9004-36-8

## Part 3 Hazards identification

**Hazard Categories:** Do not belong to the dangerous goods.

**Invasion rout :** Will damage health after skin contact

**Environments Impact :** The material has a little mild should pay attention to the water pollution.

**Explosive Danger :** This product has no combustion hazard

## Part 4 First aid measures

**Skin contact:** Take off the clothes, washing skin with soap or water.

**Eyes contact:** Rise face, flush with plenty of water washing or go to hospital

**Ingestion:** Go to hospital immediately ,Keep quiet ,don't stimulate the vomiting, could drink milk of water if awake.

## **Part 5 Firefighting measures**

**Explosive Danger** : Don't belong to the dangerous goods

**Hazardous combustion products** : Don't belong to the combustion goods

**Fire control methods and materials:** water ,sand

## **Part 6 Accidental release measures**

**Emergency dispose** : Generally leakage, just need to ventilation in timely Could use sand adsorption, and the adsorption must send to appoint environmental sanitation landfill, can use soap and water washing the pollution ground, then diluted sewage must be diluted into the sewage system. A large number of leaks, immediately report to the police, under the premise that ensure safety, to cut off the leak source as far as possible, prevent into the sewer restricted space. Evacuation pollution area irrelevant personnel to safe areas, no irrelevant personnel enter the contaminated area. Plugging in ensuring safety case, using the cofferdam asylum, and then collect, transfer, recycling or harmless treatment after treatment by the regulation.

**Erase Method:** could send to appoint environmental sanitation for landfill.

## **Part 7 Handling and storage**

Operation tips: Operation environment need to strengthen ventilated. Operators must get training, strictly abide by rules of safe operation. Suggest operators wear a protection mask, smoking is strictly prohibited. Using ventilation system equipment. Equipped with corresponding varieties and numbers of fire equipments and spill contingency processing equipment.

Storage: Under the condition of temperature 28 degrees in 8 - store in a cool, ventilated warehouse. Keep away from fire and heat source. Should with oxidant, edible chemicals stored separately, avoid by all means is mixed reservoir. Use explosion-proof lighting, ventilation facilities. To ban the use of a spark mechanical equipment and tools. Storage areas should be equipped with suitable shelter materials.

## **Part 8 Exposure controls/Personal protection**

Engineering control: to strengthen ventilated

Respiratory protection: wearing masks.

Eyes protection: wear flat glasses.

Body protection: wear cotton overalls

Hand protection: it is recommended that operators wear PE film gloves or gloves.

Other protection: work site no smoking, eating and drinking water. Avoid drinking alcohol before work. After work, shower change clothes. Prior to employment and regular physical examination.

## **Part 9 Physical and chemical properties**

Appearance and properties: Clear viscous liquid

PH value : 6-7

Meltingpoint(°C) : None

Relativedensity(water=1) : 1.1~1.30

Boilingpoint(°C) : None

Relative vapour density (Air=1) : None

Flashingpoint(°C) : 105

Solubility: but with most of the acrylic monomers immiscible.

## **Part 10 Stability and reactivity**

Stability: exposed to light, high temperature conditions can affect its stability.

Prohibited content: Strong acid, strong alkali, oxidant.

Avoid contact with conditions: high fever, bright light, ultraviolet light.

Polymerization: will happen under the uv irradiation polymerization, and is accompanied by some heat is generated.

Breakdown products: part of the carbon, sulfur, nitrogen oxides.

## **Part 11 Toxicological information**

This product is volatile, carcinogens materials, general hazards for the contact sexual stimulation, excessive or repeated exposure can irritate the skin and early contact and close contact for a long time may irritate eyes, this product is a low toxicity, LD is greater than 3000 mg/kg.

## **Part 12 Disposal information**

Waste properties: belong to dye, coating waste.

Waste disposal method: send specified by the department of sanitation landfill sites buried method processing.

Note: waste storage, waste disposal should refer to the national and local environmental regulations.

## **Part 13 Transport information**

Dangerous goods number: this product contains no countries embargo of dangerous substances.

UN NO : None

Packing method: carton, PP plastic bottle, glass bottle;

Shipping note: handling to light discharge, prevent packaging and container breakage. Summer should be transport in the morning and evening, to prevent exposure to the sun.

## **Part 14 Regulatory information**

Domestic regulations: chemical dangerous goods safety management regulations (promulgated by the state council on February 17, 1987), for the safety of the hazardous chemicals production, use, storage, transportation, loading and so on has made the corresponding provisions. "GB13690-1992 commonly used the classification of dangerous chemicals and mark", "GB15603-1995 commonly used the general principles of the hazardous chemicals storage memory", "GB 6514-6514 coating operation safety procedures Paint process safety and ventilation and purification ", "GB 7691-7691 coating operation safety procedures Labor safety and labor health management ", "GB 12463-1990 of dangerous goods transport packaging general technical conditions", the state economic and trade commission [2000] no. 189 on the economic and trade security issued by the labor protection articles equipment standard (trial) "of the notification, the GB/T11651- 1989 labor protection articles selection rules. The ministry of health of health law inspect method number "interior paint for health standards", "GB 6944-86 classification of dangerous goods and goods number".

Foreign regulations: the United Nations proposal of dangerous chemical transportation.

## **Part 15 Other information**

- References:
1. National environmental protection bureau hazardous chemicals management office, Beijing chemical industry research institute co-editor of the toxicity of chemicals and regulations environment data handbook of China environmental science press, 1992
  2. Zhou Guotai the encyclopedia of hazardous chemical safety technology of chemical industry press, 1997
  3. Chemical industry press "international chemical safety CARDS manual"
  4. Chemical industry press the chemical safety specifications written guide

Time to fill out a form: 26th Jan of 2022

Department of filling: [REDACTED]

Data audit units: [REDACTED]

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