

Safety and Handling Instructions - Xtens b

Name: Xtens b (Gel Resin)

Company Name: CKNH Holdings LLC

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Effective Date: March 10th of 2019

Emergency Call: 911

Part 1 – Hazards Summarizing

Hazard Categories: Do not belong to the dangerous goods.

Invasion rout: Will not damage health after skin contact

Environments Impact: The material has a mild risk – should pay attention to water pollution. **Explosive**

Danger: This product has no combustion hazard

Part 2 – Emergency Treatment

Skin Touch: Remove clothes and rinse skin with soap or water.

Eyes Touch: Rinse face and flush eyes with plenty of water. Seek immediate medical attention if necessary.

If Ingested: Seek medical attention immediately, stay calm and do not induce vomiting, drink milk or water.

Part 3 – Fire Protection

Explosive Danger: Does not belong to dangerous goods

Hazardous combustion products: Does not belong to the combustible goods

Fire control methods and materials: Use water, sand

Part 4 – Accidental Release Measures

Emergency disposal: General leakage, allow for proper ventilation. Use sand adsorption if necessary, and all absorbed materials must be sent to an appointed environmentally safe landfill. Can use soap and water to help dilute contaminated area, then wash-off must be properly disposed of in designated place. Immediately report large spills to the proper environmental authorities to ensure that the leakage can be contained and prevented from possible contamination into the water or sewer system. Should prohibit unauthorized personnel from entering the contaminated area.

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

Part 5 – Operating Disposal and Storage

Operation tips: Should be handled in well ventilated area. Operators should receive proper training and strictly abide to safety guidelines. Proper safety gear should be worn at all times and smoking is strictly prohibited.

Proper breathing and fire control equipment should be accessible in case of fire.

Storage: Storage should be in a cool, ventilated warehouse type environment with fire suppression. Keep away from fire and heat source. Should be kept separate from edible chemicals by all means. Use explosion-proof lighting.

Part 6 – Exposure Controls/Personal Protection

Engineering control: to strengthen ventilation

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 7 – Physical Chemical Property

Appearance and properties: mixed color liquid viscous liquid

PH value: 6-7

Melting point (°C) : None
1.1~1.47

Relative density (water=1) :

Boiling point (°C) : None

Relative vapor density (Air=1) : None

Flash point (°C) : 105

Solubility: but with most of the acrylic monomers immiscible.

Part 8 – 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 spike

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

Part 9 – Toxicity

This product is volatile, carcinogens materials, 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 10 – Waste Disposal

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 11 – Transportation

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

3Packing method: carton, PP plastic bottle, glass bottle; hiping note: handling to light discharge, prevent packaging and container breakage. Should prevent exposure to the sun.

Part 12 – 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.