



MSDS

Material Safety Data Sheet

Reference No. : WTS18F07118249C

Applicant : Gold Array Technology Beijing LLC

Address : Room 2008, Institute of Science and Technology Building, No.9
Zhongguancun south street, Haidian District, Beijing, China, 100081

Manufacturer : Gold Array Technology Beijing LLC

Address : Room 2008, Institute of Science and Technology Building, No.9
Zhongguancun south street, Haidian District, Beijing, China, 100081

Sample Name : zUDP

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Section 1 – Chemical Product and Company Identification

Product Name: zUDP

Manufacturer: Gold Array Technology Beijing LLC

Address: Room 2008, Institute of Science and Technology Building, No.9 Zhongguancun south street, Haidian District, Beijing, China, 100081

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Section 2 – Hazards Identification

Invasion route: Skin contact, eye contact, ingestion, inhalation

Health hazards: Information in emergency: not belong to dangerous chemical

Skin touch: Frequent or prolonged contact may irritate and cause dermatitis repeated to somebody.

Eyes touch: Contacting eyes is not anticipated in normal condition. May cause irritation, redness and pain. If contacting the products for long time.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Environment hazards: No information is available.

Burn & burst danger: No information is available.

Section 3 – Composition/information on Ingredient

Pure

Admixture

Composition:



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| Chemical Name | | Content (%) | CAS No. |
|---------------|--------------------|-------------|-------------|
| zUDP | acrylated oligomer | 50-90 | Proprietary |
| | acrylated monoer | 40 | Proprietary |
| | photoinitiator(s) | 1 | Proprietary |

Section 4 – First Aid Measures

Skin touch: Irritating skin and mucous membranes. Take off the contaminated clothes and flush with plenty of water. Get medical aid.

Eyes touch: Impact of stimuli. In case of contact with eyes, immediately to rinse with plenty of water. Have the victims remove contact lenses if he is wearing them before rinsing. Do not let the victims rub his eyes. Get medical aid.

Inhalation: Remove the victims to the fresh air and keep the respiratory tract smooth. Use oxygen if breathing is difficult. Get medical aid.

Ingestion: Erosion of the lungs. If accidentally eat the product, rinsing mouth with water. Never give anything by mouth to an unconscious person. Get medical aid.

Section 5 – Fire Fighting measures

Danger characteristic: No information is available.

Hazardous combustion products: Carbon monoxide, carbon dioxide, etc.

Fire-Fighting method & media: The firefighter must equipped with filtermask(full mask) or isolated breathing apparatus. The staff must wear the clothes and gloves which can defence the fire and the toxic gas. Extinguish a fire from the windward. Spray plenty of water until the fire take off.

Extinguishant: Misty water, foam, dry powder, CO₂, etc.

Section 6 – Accidental Release Measures

Emergency treatment:

Procedures for cleanup: Evacuate personnel to safe areas. Prohibiting all the irrelative from entrancing in. Cut off the fire. Ensure adequate ventilation. Collect the waste in proper close containers.

Environmental precautions: It is usually slightly harmful to water bodies. Do not expose undiluted or large quantities of products to groundwater, waterways or sewerage systems. Do not discharge materials into the surrounding environment without government permission.



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Personal precautions: Remove waste product with protective equipment (protective clothes, protective glasses and breathing apparatus). Do not inhale and touch the waste.

Prevention of secondary hazards: No information is available.

Section 7 – Handling and storage

Handling: Operators must be trained technically and comply with the operation procedures strictly. Provide appropriate exhaust ventilation at places where dust is formed. Equip with corresponding varieties and number of fire equipment and emergency equipment.

Storage: Store in a tight storage, store in a cool, dry place, should be moisture-proof, waterproof and keep the package intact. Do not allow to contact with strong oxides such as fluorine, chlorine dioxide, dipotassium chloride, etc. during storage and transportation.

Section 8 – Exposure controls, Personal Protection

Maximum admissible concentration: No information is available.

Monitoring Method: No information is available.

Engineering Control: Keep away from heat and open flame. Keep ventilated.

Respiratory Protection: In case of handling the decomposition or combustion products, use isolated breathing apparatus.

Eyes Protection: In case of handling the decomposition or combustion products, wear safety goggles.

Body protection: In case of handling the decomposition or combustion products, use rubber apron and protective clothes.

Hands Protection: In case of handling the decomposition or combustion products, use rubber gloves.

Other Protections: Artificial graphite can also produce pneumoconiosis. Staff should be protected.

Section 9 – Physical and Chemical Properties

Appearance: Liquid

Colour: Gray

Odour: Slight stimulation

pH Value: 7

Boiling point: Not available.

Melting Point: Not available.

Flashpoint: >94°C



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Density: No information is available.

Upper flammable(explosive) limits in air-Lower (vol%)-UEL: Not available.

Oxidising properties: No information is available.

Vapour pressure: Not available.

Solubility in water: No information is available.

Partition coefficient (n-octanol / water): No information is available.

Viscosity: 44.7cps (25°C/77°F)

Vapour density: Not available.

Evaporation rate: Not available.

Ignition temperature: No information is available.

Section 10 – Stability and Reactivity

Stability: No information is available.

Distribution of Ban: No information is available.

Possibility of hazardous reactions: No information is available.

Conditions to Avoid: No information is available.

Hazardous Polymerization: Oxidizing agents, strong acids, strong bases

Hazardous Decomposition Products: No information is available.

Section 11 – Toxicological Information

Acute Toxicity: No information is available.

Sub-acute and Chronic Toxicity: No information is available.

Irritation: No information is available.

Sensitization: No information is available.

Mutagenicity: No information is available.

Carcinogenicity: No information is available.

Others: None.



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Section 12 – Ecological Information

Eco-toxicity: No information is available.

Biodegradable: No information is available.

Non-biodegradable: No information is available.

Bioconcentration or biological accumulation: No information is available.

Other harmful effects: No information is available.

Section 13 – Disposal Considerations

Nature of waste: No information is available.

Waste disposal methods: Refer to national or local regulations before handling.

Attention abandoned: None

Section 14 - Transport information

UN Number: Not available.

Class: Not available.

Packing group: No information is available.

Proper shipping name: No information is available.

Packaging Mark: No information is available.

Packaging Method: Paper package.

Transport Fashion: By air, by sea.

Transport Attentions: Examine whether the packages are integrate and sealed or not before transport. No collapse, no fall or no damage during the course of transportation. Prevent the product from exposing to the sun, the rain and high temperature. Stopovers should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen and isolated from the engine room, power and fire source.

Section 15 – Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products – Content and order of sections.

GB/T 16483-2008 Safety data sheet for chemical products – Content and order of sections

The international Maritime Dangerous Goods (IMDG) Code (inc Amdt 37-14)

International Air Transport Association (IATA) Dangerous Goods Regulations, 59th, 2018



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The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

The Regulations Concerning the International Transport of Dangerous Goods by Rail (RID)

U.S. Department of Transportation (DOT)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Section 16 – Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for this particular purpose.

===== End of MSDS =====

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