QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
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MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fluorescent Pigment SHS Series

Manufacturer Identification:

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Section 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	Cas No.	Content%	Hazardous
Polymeric resin	——	≥95%	No
Basic Red 1:1	3068-39-1	0.1~5%	No
3,6-Bis(diethylamino)-9-(2-(methoxycarbonyl)phenyl) Xanthylium tetrachlorozincate	73398-89-7		No
2-[7-(diethylamino)-2-oxo-2 h-1-benzopyran-3-yl]-5-benz oxazolesulfonamide	68427-35-0		No

Section 3 - HAZARDS IDENTIFICATION

Information concerning particular hazards for human and environment:
No hazardous to Human & Environment according to GHS Hazard classification

Section 4 - FIRST AID MEASURES

Health Effects – Acute:
Swallowed
No adverse effects known. It is considered to be non-toxic.
Eye
It is considered to be non-toxic. Can cause irritation.
Skin
It is considered to be non-toxic. Can cause irritation.
Inhaled
No adverse effects known. It is considered to be non-toxic.
Health Effects – Chronic:
No data available
Swallowed
Induce vomiting. Give water to drink. Call a physician.
Eye

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Flush with water for 15 minutes. Call a physician.
Skin
Wash with soap and water.
Inhaled
Remove to fresh air. Treat symptoms.
First Aid Facilities
Ensure an eye bath and safety shower are available and ready for use.

Section 5 - FIRE FIGHTING MEASURES

Fire / Explosion
Product is stable. Non reactive. Avoid high temperatures and strong oxidizers. In the event ofcombustion, carbon monoxide and/or carbon dioxide will be formed.
Extinguishing Media
Fire-fighters should wear full protective clothing including self-contained breathing apparatus.
In case of fire use equipment/media suitable for surrounding fire conditions.

Section 6 - ACCIDENTAL RELEASE MEASURES

Spills
Clean-up personnel should wear protective clothing. Prevent material from entering drains,sewers and other water courses.
Sweep up with sand or other absorbing material and hold for waste disposal.
Disposal
Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

Section 7 - HANDLING AND STORAGE

Ensure adequate ventilation maintain exposure levels below applicable workplace standards. Keep packaging well closed. Avoid storage temperatures < 0 deg C and > 30 deg C.
Flammability
Product is difficult to ignite unless directly involved in a flame. Product does not burn unless all the water is boiled away. Remaining organics may be ignitable.

Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear safety glasses or goggles, closed clothing, gloves and a respirator when generating mist.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking,smoking and using toilet facilities.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: powder
Color: various
Formula : mixture

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Tinting Strength: 100±5%
Soap Fastness: ＞3 class
Sunlight Fastness: 2-3class
Heat resistance: 240℃
Decomposition Temperature: ≥300℃
Average Particle Size: ≤2um
Boiling Point : N
Bulk density: 0.6 g/cm3
Bulking value 1.6 cm3/g
Hegman grind ≥5
Flash Point : N/A
PH : 5~ 7
Solubility in water : N/A g/l (25 deg C)
Oil absorption ≤45%
volatile substance ≤2%
Flammability Limits (as percentage volume in air)

Section 10 - STABILITY AND REACTIVITY

Thermal decomposition/conditions to be avoided
Stability,
Strong oxidizer, strong acid, and strong base not allowed.
Avoid the moist environment

Section 11 - TOXICOLOGICAL INFORMATION

Ensure adequate ventilation maintain exposure levels below applicable workplace standards.

Section 12 - ECOLOGICAL INFORMATION

N/M

Section 13 - DISPOSAL CONSIDERATIONS

Product:
Recommendation
Hand over to hazardous waste disposers. Dispose in accordance with federal, state and local regulation
Uncleaned packing:
Recommendation:
Empty contaminated packing thoroughly. They may be recycled after thorough and proper cleaning.

Section 14 - TRANSPORT INFORMATION

UN No. N/A
Class None Allocated
Sub Risk None Allocated
Hazchem Code N/A

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Pack Group 0
EPG No. N/A
Shipping Name: SHV Series Daylight Fluorescent Pigment
Package: packed in composite paper bag lined with PE film, net weight 25 kg.
The product dose not constitute a hazardous substance in national/ international road, rail, sea and air transport.

Section 15 - REGULATORY INFORMATION

This product does not belong to the 6.1 toxic chemicals.

Section 16 - ADDITIONAL INFORMATION

To the best of our knowledge, the information contained herein is accurate. However producer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.