

UV Invisible Fluorescent Pigment

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : UV Invisible Fluorescent Pigment

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Powder

1.3. Details of the supplier of the safety data sheet

Black Light World
2256 Martin Pierce Road
Cub Run, KY 42729

1.4. Emergency telephone number

Emergency number : 270-528-6555

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

SkinSens.2H317
Eye Sens. H320

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) :

H317 - May cause an allergic skin reaction
H320 - Causes eye irritation

Precautionary statements (GHS-US)

P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - If on skin: Wash with plenty of water
P308+P313 - If exposed or concerned: Get medical advice/attention
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

INGREDIENTS GAS NUMBER % ACGIH-TLV OSHA-PEL

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	GHS-US classification
AMMONIUM HYDROXIDE(28%)	(CAS No) 1336-21-6	< .10	Acute Tox. 4 (Dermal), H312 Skin Sens. 2, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing).
- First-aid measures after skin contact : Wash exposed areas with soap and water. See a physician.
- First-aid measures after eye contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- First-aid measures after ingestion : Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May cause slight irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
- Explosion hazard : None known.

5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Stop the flow of material, if this is without risk.
- Methods for cleaning up : Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up while avoiding dust generation and place in a bag and for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid eye and skin contact. Avoid spilling. Maintain good housekeeping standards to avoid accumulation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a sealed container in a cool, dry place. Avoid dispersion of dust in to the air to reduce potential explosion hazard. Avoid contact with liquids. Eliminate ignition sources. Avoid static charge build-up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls : General (mechanical) room ventilation is expected to be satisfactory for normal handling.
Hand protection : Use protective gloves to minimize skin contact.
Eye protection : Wear safety glasses with side shield for normal handling. Use dust proof goggles for dusty conditions.
Skin and body protection : Wear appropriate working clothes.
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Powder
Appearance : Powder
Color : White
Odor : Odorless
Odor threshold : No D/A
pH : 7
pH solution : 7
Melting point : No D/A
Freezing point : >7°C
Boiling point : No D/A
Flash point : No D/A
Relative evaporation rate (butyl acetate=1) : No D/a
Flammability (solid, gas) : No D/A
Vapor pressure : No D/A
Relative vapor density at 20 °C : No D/A
Relative density : No D/A
Solubility : Insoluble in water
Log Pow : Insoluble.
Auto-ignition temperature : 1200°C
Weight per Qube Meter : 3.5 - 3.65
Specific Gravity : 3.7 - 4.1
Polymerization : Will not occur
Conditions to avoid : Contact with acids
Incompatibility : Contact with acids
Extinguishing Media : Water
Hazardous composition : Will not occur

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Avoid dust generation.

10.5. Incompatible materials

Not determined.

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Formaldehyde-melamine polymer, methylated (68002-20-0)

LD50 oral rat	12300 µl/kg
ATE US (dermal)	1100 mg/kg body weight

Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 6'-(diethylamino)-2'-[(2,4-dimethylphenyl)amino]-3'-methyl- (36431-22-8)

LD50 oral rat	Serious	> 10000 mg/kg
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Skin corrosion/irritation : Not classified
eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin
Germ cell mutagenicity reaction. : Not classified
Carcinogenicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

365 nm

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

EPA TSCA Regulatory Flag	
XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).	

15.2. US State regulations

No additional information available

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Skin Sens. 2	Skin sensitization Category 2
H317	May cause an allergic skin reaction

UVI / IR Colors available

White Fluoresce White
White Fluoresce Green
White Fluoresce Red
White Fluoresce Yellow
White Fluoresce Blue/White

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product