

# Safety Data Sheet

## Fluorescent UV Powder Pigment

Revision date: 12-31-2020

### Section 1 Product Identification

#### 1.1 Product identifier:

**Identification or trade name:** Fluorescent Pigment

**Product SKU:** UVP-PNK-E, UVP-MAG-E, UVP-RRD-E, UVP-FRO-E, UVP-ORE-E, UVP-PPE-E, UVP-AQU-E, UVP-BLU-E, UVP-YLW-E, UVP-GRN-E

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

**Recommended use:** Pigment

**Restrictions on use:** No information available

#### 1.3 Details of the supplier of the safety data sheet:

**Company Name:** Techno Glow Inc.

**Address:** 1906 S Kaufman Street, Ennis TX 75119

**E-mail:** support@technoglowproducts.com

**Phone:** +1 (844) 884-3377

### Section 2 Hazards Identification

#### 2.1 Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910.1200

**Serious eye damage/eye irritation:** Category 2B

#### 2.2 Label elements:

**Signal Word:** Warning

**Hazard Statements:** Cause serious eye irritation

**Precautionary Statements – Prevention:** Wash face, hands, and any exposed skin thoroughly after handling. Wear eye protection/ face protection.

**Precautionary Statements – Response:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.

#### 2.3 Other hazards:

Not applicable

#### 2.4 Other information:

Not applicable

**Unknown Acute Toxicity:** < 1% of the mixture consists of ingredient(s) of unknown toxicity

## Section 3 Composition Information on Ingredients

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Product Color: SKU	Chemical Name	CAS No.	Weight-%
Pink: UVP-PNK-E	C.I. Basic Violet 11:1 (tetrachlorozincate)	73398-89-7	1-5
	C.I. Basic Red	3068-39-1	1-5
Magenta: UVP-MAG-E	C.I. Basic Violet 11:1 (tetrachlorozincate)	73398-89-7	1-5
	C.I. Basic Red 1:1	3068-39-1	1-5
Rocket Red: UVP-RRD-E	C.I. Basic Violet 11:1 (tetrachlorozincate)	73398-89-7	1-5
	C.I. Basic Red	3068-39-1	1-5
Firehouse Orange: UVP-FRO-E	C.I. Basic Red 1:1	3068-39-1	1-5
Orange: UVP-ORE-E	C.I. Basic Violet 11:1 (tetrachlorozincate)	73398-89-7	1-5
Purple: UVP-PPE-E	C.I. Basic Violet 11:1 (tetrachlorozincate)	73398-89-7	1-5
Aqua: UVP-AQU-E	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Blue: UVP-BLU-E	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Yellow UVP-YLW-E	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Green: UVP-GRN-E	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		

The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4 First-Aid Measures

### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.1.1 In case of inhalation:

Immediate medical attention is not required. Move to fresh air. Seek medical attention if irritation develops.

#### 4.1.2 In case of skin contact:

Wash affected area with soap and water. If irritation develops seek medical attention.

#### 4.1.3 In case of eye contact:

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

#### 4.1.4 In case of ingestion:

Do NOT induce vomiting. Drink plenty of water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed:

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

**Notes to physician:** Treat symptomatically

## Section 5 Fire-Fighting Measures

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** None.

### 5.2 Special hazards arising from the substance or mixture:

**Special hazard:** None known based on information supplied.

**Hazardous combustion products:** Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

#### Explosion data:

**Sensitivity to mechanical impact:** None

**Sensitivity to static discharge:** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**5.3 Advice for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6 Accidental Release Measures

**6.1 Personal precautions, protective equipment, and emergency procedures:** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

**6.2 Environmental precautions:** Dust deposits should not be allowed to accumulate on surfaces as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., cleaning dusty surfaces with compressed air). Non sparking tools should be used. Prevent product from entering drains.

### 6.3 Methods and material for containment and cleaning up:

**Methods for containment:** Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading.

**Methods for cleaning up:** Avoid dust formation. Take precautionary measures against static discharges. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use personal protective equipment. Take up mechanically and collect in suitable container for disposal. Prevent product from entering drains. Keep in suitable and closed containers for disposal.

## Section 7 Handling and Storage

## 7.1 Precautions for safe handling:

**Advice on safe handling:** Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

**Hygiene measures:** When using, do not eat, drink, or smoke. Handle in accordance with good industrial hygiene and safety practice.

## 7.2 Conditions for safe storage, including any incompatibilities:

**Storage conditions:** Keep tightly closed in a dry and cool place.

**Materials to avoid:** No materials to be especially mentioned.

## Section 8 Exposure Controls/Personal Protection

**8.1 Occupational exposure limits:** No information.

### 8.2 Appropriate engineering controls:

**Engineering measures:** Showers, eyewash stations, and ventilation systems.

### 8.3 Individual protection measures, such as personal protective equipment

<b>Eye &amp; face protection:</b>	Protective eye wear with side-shields
<b>Skin and Body protection:</b>	Wear chemical resistant footwear and clothing such as gloves, an apron or a whole-body suit as appropriate.
<b>Respiratory protection:</b>	NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.
<b>Hygiene measures:</b>	See section 7 for more information

## Section 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

<b>Physical state:</b>	Solid
<b>Appearance:</b>	Powder
<b>Color:</b>	Pink, Magenta, Orange, Firehouse Orange, Rocket Red, Green, Yellow, Aqua, Blue, & Purple
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not applicable
<b>Melting point/range (°C):</b>	145-150 °C
<b>Boiling point/range (°C):</b>	Not applicable. No information available
<b>Flash point (°C):</b>	Not applicable. No information available
<b>Evaporation rate:</b>	Not applicable. No information available
<b>Flammability limit Air - lower (%):</b>	No information available
<b>Flammability limit Air - lower (%):</b>	No information available
<b>Flammability (solid, gas):</b>	No information available
<b>Autoignition temperature (°C):</b>	No information available
<b>Vapor pressure:</b>	Not applicable

<b>Vapor density:</b>	Not applicable
<b>Specific gravity:</b>	1.2
<b>Water solubility:</b>	Insoluble in water
<b>Solubility in other solvents:</b>	No information available
<b>Partition coefficient:</b>	No information available
<b>Decomposition temperature:</b>	No information available
<b>Viscosity, dynamic:</b>	No information available
<b>Viscosity, Kinematic:</b>	No information available
<b>Explosive properties:</b>	Fine dust dispersed in air may ignite
<b>Oxidizing properties:</b>	No information available

## 9.2 Other information:

**Volatile organic compounds (VOC):** None

## Section 10 Stability and Reactivity

<b>10.1 Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical stability:</b>	Stable at room temperature under normal storage and handling conditions.
<b>10.3 Hazardous reactions:</b>	No dangerous reactions known under normal processing.
<b>10.4 Conditions to avoid:</b>	Dust formation. Take precautionary measures against static discharges.
<b>10.5 Incompatible materials:</b>	None known based on information supplied.
<b>10.6 Hazardous decomposition products:</b>	None known based on information supplied.

## Section 11 Toxicological Information

### 11.1 Acute toxicity:

#### Numerical measures of toxicity: Product information

<b>Product Color: SKU</b>	<b>LD50 Oral:</b>	<b>LC50 (Dust/Mist)</b>
Pink: UVP-PNK-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Magenta: UVP-MAG-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Rocket Red: UVP-RRD-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Firehouse Orange: UVP-FRO-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Orange: UVP-ORE-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Purple: UVP-PPE-E	> 2,000 mg/kg (rat)	> 5.53 mg/l (4 hours) (rat)
Aqua: UVP-AQU-E	> 2,000 mg/kg (rat)	-
Blue: UVP-BLU-E	> 2,000 mg/kg (rat)	-
Yellow: UVP-YLW-E	> 2,000 mg/kg (rat)	-
Green: UVP-GRN-E	> 2,000 mg/kg (rat)	-

The following values are calculated based on chapter 3.1 of the GHS document.

**Unknow acute toxicity:**

&lt;1% of the mixture consists of ingredient(s) of unknown toxicity

Product Color: SKU	LD50 Oral:	LC50 (Dust/Mist)
Pink: UVP-PNK-E	23,248.00 mg/kg	80.90 mg/l
Magenta: UVP-MAG-E	10,667.00 mg/kg	26.22 mg/l
Rocket Red: UVP-RRD-E	14,515.00 mg/kg	52.73 mg/l
Firehouse Orange: UVP-FRO-E	37,138.00 mg/kg	-
Orange: UVP-ORE-E	48,733.00 mg/kg	80.90 mg/l
Purple: UVP-PPE-E	16,667.00 mg/kg	27.67 mg/l
Aqua: UVP-AQU-E	< 1% of the mixture consists of ingredient(s) of unknown toxicity	
Blue: UVP-BLU-E	< 1% of the mixture consists of ingredient(s) of unknown toxicity	
Yellow: UVP-YLW-E	< 1% of the mixture consists of ingredient(s) of unknown toxicity	
Green: UVP-GRN-E	< 1% of the mixture consists of ingredient(s) of unknown toxicity	

**Numerical measures of toxicity: Component Information**

Product Color: SKU	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Pink: UVP-PNK-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	220 mg/kg (Rat)	-	0.83 mg/l (4 hour)
	C.I. Basic Red 3068-39-1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hour)
Magenta: UVP-MAG-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	220 mg/kg (Rat)	-	0.83 mg/l (4 hour)
	C.I. Basic Red 3068-39-1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hour)
Rocket Red: UVP-RRD-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	220 mg/kg (Rat)	-	0.83 mg/l (4 hour)
	C.I. Basic Red 3068-39-1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hour)
Firehouse Orange: UVP-FRO-E	C.I. Basic Red 1:1 3068-39-1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hour)
Orange: UVP-ORE-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	220 mg/kg (Rat)	-	0.83 mg/l (4 hour)
Purple: UVP-PPE-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	220 mg/kg (Rat)	-	0.83 mg/l (4 hour)
Aqua: UVP-AQU-E	-	-	-	-
Blue: UVP-BLU-E	-	-	-	-
Yellow UVP-YLW-E	-	-	-	-
Green: UVP-GRN-E	-	-	-	-

**11.2 Information on toxicological effects:****Skin corrosion/irritation:****Product Information:** May cause irritation**Component Information:** No information available**Serious eye damage/eye:****Product Information:** Irritating to eyes**Component Information:** No information available**Respiratory or skin sensitization:**

**Product Information:** May cause irritation  
**Component Information:** No information available

**Germ cell mutagenicity:**

**Product Information:** May cause irritation  
**Component Information:** No information available

**Carcinogenicity:**

**Product Information:** Contains no ingredient listed as a carcinogen  
**Component Information:** No information available

**Reproductive toxic:**

**Product Information:** May cause irritation  
**Component Information:** No information available

**STOT – single exposure:** No information available

**STOT – repeat exposure:** No known effect

**Other adverse effects:**

**Product Information:** No information available  
**Component Information:** No information available

**Aspiration hazard:**

**Product Information:** No information available  
**Component Information:** No information available

## Section 12 Ecological Information

### 12.1 Toxicity:

<b>Product Color: SKU</b>	<b>Ecotoxicity</b>
Pink: UVP-PNK-E	1.01 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Magenta: UVP-MAG-E	1.367 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Rocket Red: UVP-RRD-E	2.391 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Firehouse Orange: UVP-FRO-E	4.48 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Orange: UVP-ORE-E	1.767 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Purple: UVP-PPE-E	< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Aqua: UVP-AQU-E	6.073 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Blue: UVP-BLU-E	8.611 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.
Yellow: UVP-YLW-E	< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Green: UVP-GRN-E	< 1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.
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**12.2 Persistence and degradability:** Total Biodegradation = 0.78% (based on computer modeling)

**12.3 Bio accumulative potential:** Discharge into the environment must be avoided.

**12.4 Mobility in soil:** No information available

**12.5 Other adverse effects:** No information available

## Section 13 Disposal Considerations

### 13.1 Waste treatment methods:

Disposal should be in accordance with applicable federal, state, and local regulations.

## Section 14 Transportation Information

**DOT:** Not regulated

**IMDG:** Not regulated

**ICAO/IATA:** Not regulated

**MEX:** Not regulated

## Section 15 Regulatory Information

### 15.1 International Inventories:

**TSCA:** Complies

**DSL:** -

**EINECS/ELINCS:** Complies

**ENCS:** -

**IECSC:** Complies

**KECL:** -

**PICCS:** -

**AICS:** -

**NZIoC:** -

**TSCA:** United States Toxic Substances Control Act Section 8(b) Inventory

**DSL:** Canadian Domestic Substances List

**EINECS/ELINCS:** European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**PICCS:** Philippines Inventory of Chemicals and Chemical Substances

**ENCS:** Japan Existing and New Chemical Substances



<b>IECSC:</b>	China Inventory of Existing Chemical Substances
<b>KECL:</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS:</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS:</b>	Australian Inventory of Chemical Substances
<b>NZIoC:</b>	New Zealand Inventory of Chemicals

## 15.2 U.S. Federal Regulations:

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Product Color: SKU	Chemical Name	SARA 313 - Threshold Values %	Weight-%	Chemicals Subject to Reporting
Pink: UVP-PNK-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1-5	This product <b>contains</b> a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Magenta: UVP-MAG-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1-5	This product <b>contains</b> a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Rocket Red: UVP-RRD-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1-5	This product <b>contains</b> a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Firehouse Orange: UVP-FRO-E	-	-	-	This product <b>does not</b> contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Orange: UVP-ORE-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1-5	This product <b>contains</b> a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Purple: UVP-PPE-E	C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7	1.0	1-5	This product <b>contains</b> a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Aqua: UVP-AQU-E	-	-	-	This product <b>does not</b> contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Blue: UVP-BLU-E	-	-	-	This product <b>does not</b> contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Yellow UVP-YLW-E	-	-	-	This product <b>does not</b> contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
Green: UVP-GRN-E	-	-	-	This product <b>does not</b> contain any

				chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
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**15.3 Pesticide Information:** No applicable

**15.4 U.S. State Regulations**

**California Proposition 65:**

Product Color: SKU	Chemical Name	California Prop. 65
Pink: UVP-PNK-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Magenta: UVP-MAG-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Rocket Red: UVP-RRD-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Firehouse Orange: UVP-FRO-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Orange: UVP-ORE-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Purple: UVP-PPE-E	C.I. Basic Violet 10 - 81-88-9	This product contains the following Proposition 65 chemicals: Carcinogen
Aqua: UVP-AQU-E	-	This product does not contain any Proposition 65 chemicals.
Blue: UVP-BLU-E	-	This product does not contain any Proposition 65 chemicals.
Yellow: UVP-YLW-E	-	This product does not contain any Proposition 65 chemicals.
Green: UVP-GRN-E	-	This product does not contain any Proposition 65 chemicals.

**Section 16 Other Information**

**NFPA:**

Product Color: SKU	Health Hazard	Flammability	Instability	Physical Hazards
Pink: UVP-PNK-E	-	-	-	-
Magenta: UVP-MAG-E	-	-	-	-
Rocket Red: UVP-RRD-E	-	-	-	-
Firehouse Orange: UVP-FRO-E	-	-	-	-
Orange: UVP-ORE-E	-	-	-	-
Purple: UVP-PPE-E	-	-	-	-
Aqua: UVP-AQU-E	-	-	-	-
Blue: UVP-BLU-E	-	-	-	-
Yellow: UVP-YLW-E	-	-	-	-
Green: UVP-GRN-E	-	-	-	-

**HMIS:**

Product Color: SKU	Health Hazard	Flammability	Physical Hazards	Personal Protection
Pink: UVP-PNK-E	2	1	0	X
Magenta: UVP-MAG-E	2	1	0	X
Rocket Red: UVP-RRD-E	2	1	0	X
Firehouse Orange: UVP-FRO-E	2	1	0	X
Orange: UVP-ORE-E	2	1	0	X
Purple: UVP-PPE-E	2	1	0	X
Aqua: UVP-AQU-E	1	1	0	X
Blue: UVP-BLU-E	1	1	0	X
Yellow: UVP-YLW-E	1	1	0	X
Green: UVP-GRN-E	1	1	0	X

**Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S\*)

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

**Disclaimer:**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.