

Material Safety Data Sheet

Product Code: **Photochromic Concentrate in General Purpose Resin**

1. Product and Company

Product Name: Photochromic Conc.
Product Class: Photochromic Blend
Supplier: QCR Solutions Corp
P.O. Box 7850
Port Saint Lucie FL, 34985
Contact Info: T: 772-237-5354
F: 772-672-3544

**Emergency
Phone Number:** T: 772-237-5354

2. Hazardous Identification

ROUTES OF ENTRY

Ingestion are the principal hazard.

POTENTIAL HEALTH RISKS

EYES: N/A
SKIN: N/A
INHALATION: N/A
INGESTION: Seek medical attention.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Persons with a history of skin sensitization problems should be careful and follow precautionary procedures when working in an area where this material is used or stored. Chronic effects are unknown.

SEE TOXICOLOGICAL INFORMATION (SECTION 11)

3. Composition / Information on Ingredients

Materials that may represent a health hazard within the meaning of the Chemicals Regulations – 1993

Recommended Exposure Limits¹

Ingredient name	CAS#	% by weight
Photochromic Dye	Proprietary	1%
Ancillary Components	Proprietary	>1%
Polyethylene resin	9002-88-4	98%
Formaldehyde	50-00-0	>0.01%

4. First Aid Measures

Primary routes of entry are dermal and inhalation.

FOR SWALLOWING: Harmful if swallowed. Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

FOR SKIN CONTACT: May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

FOR INHALATION: Move the exposed person to fresh air. Seek medical attention. Irritating to respiratory system.

FOR EYE CONTACT: Contact with eyes can cause irritation. Flush with copious amounts of water for at least fifteen minutes. Consult physician for medical treatment, if necessary.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Carbon dioxide, powder and water spray/mist. Exposure to decomposition products may be a health hazard. Appropriate self contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Dispose of run-off from fire fighting in accordance with federal, state and local waste disposal ordinances.

UNUSUAL FIRE/EXPLOSION HAZARDS: None

6. Accidental Release Measures

Use non-sparking tools. Avoid dusting. Refer to protective measures in section 7 and section 8.

WASTE DISPOSAL

This material must be disposed within accordance with federal, state, and local ordinances. Collect and contain spillages and place in a suitable container for disposal in accordance with waste regulations (see section 13). Clean preferably with a detergent and water.

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7. Handling and Storage

HANDLING

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

STORAGE

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. On processing FF powders for masterbatch heating may result in generation of formaldehyde. Ensure adequate ventilation of all fumes.

8. Exposure Control & Personal Protection

Skin and eye contacts are the principal hazard. Persons with a history of skin sensitization problems should be careful and follow precautionary procedures when working in an area where this material is used or stored. See section 3.

VENTILATION/RESPIRATION REQUIREMENTS

Local exhaust recommended when appropriate to control exposure to dusts. NIOSH approved full faced respirator with APF of at least 10 when local exhaust (e.g. lab hood) is not available or in use.

PROTECTIVE GLOVES

Rubber or neoprene.

EYE PROTECTION

Safety goggles.

ADDITIONAL SAFETY EQUIPMENT

Impermeable aprons and boots. Safety shower and eye bath should be available

HYGIENIC SAFETY PRACTICES

Wash hands after handling compounds and before eating, using tobacco products or using the washroom and at the end of the day. Tobacco and food should be consumed in designated areas only.

9. Physical and Chemical Properties

PHYSICAL STATE:	Plastic Pellets
MELTING POINT:	N/A
BOILING RANGE:	N/A
DENSITY:	N/A
SOLUBILITY IN WATER:	Insoluble
VOC CONTENT OF MATERIAL:	Negligible
VOC CONTENT MINUS WATER:	0
VAPOR DENSITY:	NA
EVAPORATION RATE:	NA
FLASH POINT:	NA
EXPLOSIVE LIMITS:	Unknown
EXTINGUISHING MEDIA:	CO ₂ , dry chemical, water fog.

10. Exposure Control & Personal Protection

STABILITY AND REACTIVITY: This product is stable under the recommended storage and handling conditions (see section 7).

CONDITIONS TO AVOID: Avoid contact with strong acids, bases, and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown.

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicology Measures

CHRONIC EFFECTS

Toxicological studies of this compound have not been done. Chronic effects are unknown.

CARCINOGEN

The components in this compound are not considered a carcinogen by OSHA, NTP, or IARC

12. Ecological Information

No data on the product itself is available.

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13. Disposal Considerations

Wastes, including empty containers should be disposed of in accordance with regulations made under the control of pollution act and the EPA. Using information provided in this data sheet, advice should be obtained from the waste regulation authority whether the special waste regulations apply. Dispose of in accordance with your federal, state, and local authorities.

14. Transport Information

Transportation, storage and handling: avoid conditions listed in section 7. Protect against the inhalation of dust or particles.

DOT Classification: Not regulated
UN Number: N/A
DOT Label: N/A
Class: N/A
Packing Group: N/A

IATA Classification: Not regulated
UN Number: N/A
DOT Label: N/A
Class: N/A
Packing Group: N/A

15. Regulatory Information

This product is not regulated. This material is not hazardous in its purchased form. However, under RCRA, it is the product user's responsibility to determine at the time of disposal if any material containing this product or derived from the product is a hazardous waste.

TSCA: Listed
MA: Y
SARA313 : Y 0.01
CALPROP65 Y
CWA307 N
CAA112 Y
CWA311 Y
SARA302 Y 500
SARA304 Y 100

This chemical is not subject to reporting requirements of section 311, 312, 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

16. Other Information

HMIS® RATING

HEALTH	0
FLAMMABILITY	2
REACTIVITY	0

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The information contained in this MSDS is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of this product and should not be construed as any guarantee of technical performance or suitability for particular applications.