



**Expect Service**

**Radiation Products Design Inc**

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**MATERIAL SAFETY DATA SHEET**

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**RPD INFORMATION**

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Albertville, MN 55301

**Website** [www.rpdinc.com](http://www.rpdinc.com)

**Email** [sales@rpdinc.com](mailto:sales@rpdinc.com)

**Phone** 763-497-2071 or 800-497-2071

**Fax** 763-497-2295

**RPD PRODUCT INFORMATION**

**RPD is an authorized distributor**

<b>Item Number</b>	<b>Description</b>
467-200	DecoColor Paint Markers, Fine Tip, Black
467-202	DecoColor Paint Markers, Fine Tip, Violet
467-204	DecoColor Paint Markers, Fine Tip, Yellow
467-206	DecoColor Paint Markers, Fine Tip, Red
467-207	DecoColor Paint Markers, Fine Tip, Aqua
467-208	DecoColor Paint Markers, Fine Tip, Green
467-210	DecoColor Paint Markers, Fine Tip, Orange
467-212	DecoColor Paint Markers, Fine Tip, Blue
467-214	DecoColor Paint Markers, Fine Tip, White

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance/preparation and company/undertaking.

Product Name: DecoColor Paint Marker

Date Prepared: February 21st, 2012

Synonyms Xylene based pigment ink.

Color 27 Colors  
White, Black, Red, Blue, Green, Yellow, Brown, Orange, Violet, Pink, Lt.Blue, Lt. Green,  
Dark Brown, Rosewood, Pale violet, Cream yellow, Crimson lake, Ultramarine, Pale blue,  
Rosemarie, Plum, Peppermint, Pine green, Teal, Blush pink, Pastel peach, Hot purple

Supplied by: Uchida of America, Corp.  
3535 Del Amo Blvd., Torrance, CA 90503  
Tel: 310-793-2200, Fax: 310-793-2200

### 2. Composition/information on ingredients.

Contains:

Chemical name	wt.% Conc	Classification	Exposure
Xylene	25-60		100ppm
Mineral Spirit	0-15		100ppm
Hydrocarbons	0-10		
Hydrocarbon Polymers	20-45		
Pigments	5-45		

### 3. Hazards identification.

Irritate eye.

### 4. First Aid measure.

Exposure Route	Symptom	Treatment
Inhalation	High concentrations - irritation of mucous membranes.	Remove from exposure, rest and keep warm. In severe cases, seek medical attention.
Skin Contact	Slight irritation.	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical attention.
Eye Contact	Irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	Irritation of gastrointestinal tract.	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. Seek immediate medical attention.

Immediate Treatment / Antidote:

Delayed Effects: Ingestion may result in liver and kidney damage.

### 5. Fire fighting measures.

Suitable Extinguishers	Dry chemical, Foam or Carbon dioxide.
Unsuitable Extinguishers	Water jet
Hazardous Combustion Products	CO, CO <sub>2</sub> , Smoke.
Special Equipment for Fire Fighting	Self contained breathing apparatus.

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### 6. Accidental Release measures.

Safety Precautions	Wear appropriate PPE – See section 8
Environmental Precautions	Do not allow material to contaminate sewers.
Clean up Procedure	Wipe off with dust cloth and transfer into suitable drum or can. Hold for waste disposal. Wash spill site with plenty of water.

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### 7. Handling & Storage.

<u>Handling</u>	Ventilation	Good general ventilation.
Recommended procedures & equipment	Avoid skin and eye contact. Close cap after used. Avoid	
<u>Storage</u>	Temperature range	Cool, below 35°C
	Humidity range	Dry
Keep away from	See section 10	
Suitable storage Media	Polyethylene or polypropylene.	
Precautions against static discharge	Use non-sparking equipment.	

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### 8. Exposure Controls/personal protection.

Exposure Limits                    n.d.

#### Protective Measures

Respiratory:    Wear self contained breathing apparatus.

Hand:            PVC or butyl rubber gloves.

Eye:             Safety goggles.

Skin:            Overalls and boots.

Hygiene Measures                Always wash thoroughly after handling chemicals.

## 9. Physical & Chemical Properties.

Appearance	Color Ink
Odour	Petroleum solvent odor
Boiling Point/range	130-145°C
Freezing Point/range	<-10°C
Flash Point	27°C(Closed cap)
Auto-ignition temperature	300-400°C
Explosive limits	1.1-7.0 Vol.%
Vapour Pressure	n.d.
Relative density	0.9-1.4
Solubility in water	Slightly
Solubility in solvent	Soluble in most solvents.

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## 10. Stability & Reactivity.

Stability Stable under normal conditions.

Known Hazardous reactions None

Conditions to avoid Heat, high temperature and fire sources.

Materials to avoid Oxidizing agents.

Hazardous decomposition products CO, CO<sub>2</sub>

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## 11. Toxicological Information.

### Effects

Low acute oral toxicity, however ingestion may cause systemic effects such as damage liver and kidneys which may become apparent later. High vapour concentrations are irritating to mucous membranes and the respiratory tract. Slight to moderate eye and skin irritant. No reported evidence of carcinogenic, mutagenic or adverse reproductive effects.

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## 12. Ecological Information

### Environmental Effects

Mobility Soluble in Water slightly.

Degradability n.d.

Aquatic Toxicity n.d.

### 13. Disposal considerations.

**Substance** Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

**Container** As substance. Used containers must not be cut up or punctured until completely purged of product residues.

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### 14. Transport Information.

UN number	n.a.	Class/Item No.	n.a.
Primary Hazard	n.a.		
Packing Group	n.a.	Emergency Action Code	n.a.
H.T. Number	n.a.		

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### 15. Regulatory Information.

Supply label details	n.a.		
Label Name	n.a.		
Symbols	n.a.		
Risk Phrases	Irritating to eyes.		
Safety Phrases	Close cap after use. Avoid contact with skin and eyes.		
E.E.C. No	n.a.		
Use of this material may be governed by the following regulations		EN-71	

Users are advised to consult these regulations for further information.  
The information contained in this data sheet does not constitute an assessment of workplace risks.

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### 16. Other Information.

This material is usually used for: Marking pen ink.

It must not be used for: Avoid high temperature.

#### Legal Disclaimer:

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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Not applicable: n.a.

Not determined: n.d.

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Revision No. 3

Dated: February 17, 2012

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S.D.S. NO. #300

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