

**50979-XXXX****Material Safety Data Sheet**

IdeaPaint CRE-8 That (Part A)

**Manufacturer Information****Manufacturer Information**

IdeaPaint, Inc.  
25 First Street  
Suite 100  
Cambridge, MA 02141

Phone: 617.714.1050  
Fax: 617.714.1070

**Date Prepared:**

6-16-09

**Hazardous Composition**

CAS #	Component	Percent
7732-18-5	Water	39-59
13463-67-7	Titanium dioxide	15-25
Trade Secret	Component A1	15-25
71-36-3	n-Butyl alcohol	3-8
7631-86-9	Silica, amorphous	2-7
21645-51-2	Aluminum hydroxide	1-5
Trade Secret	Component A2	1-5
Trade Secret	Component A3	1-5
Not Available	Alkylarylalkoxylate	0.5-0.65
Not Available	Ester/Styrene Maleic Anhydride Copolymer	0.3-0.8
Trade Secret	Component A4	0.2-0.7
100-42-5	Styrene	0.1-0.6
107-21-1	Ethylene glycol	0.1-0.6
10605-21-7	Methyl-2-benzimidazole carbamate	0.1-0.6
1332-58-7	Kaolin	0.1-0.6
126-86-3	5-Decyne-4,7-diol, 2,4,7,9-tetramethyl-	0.1-0.6
Trade Secret	Component A5	0.05-0.1
Trade Secret	Component A6	0.05-0.1
55406-53-6	3-Iodo-2-propynyl butylcarbamate	0.05-0.1
77-58-7	Dibutyltin dilaurate	0.05-0.1
Trade Secret	Component A7	0.02-0.07
111-76-2	2-Butoxyethanol	0.01-0.06
Trade Secret	Yellow Oxide	0-0.8
Trade Secret	Lampblack	0-0.08
Trade Secret	Red Oxide	0-0.06

**Component Exposure Limits****Titanium dioxide (13463-67-7)**

ACGIH: 10 mg/m<sup>3</sup> TWA  
OSHA: 10 mg/m<sup>3</sup> TWA (total dust)

**n-Butyl alcohol (71-36-3)**

ACGIH: 20 ppm TWA  
OSHA: 50 ppm Ceiling; 150 mg/m<sup>3</sup> Ceiling  
Prevent or reduce skin absorption  
NIOSH: 50 ppm Ceiling; 150 mg/m<sup>3</sup> Ceiling  
Potential for dermal absorption

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### Ideapaint CRE-8 That (Part A)

**Silica, amorphous (7631-86-9)**

 NIOSH: 6 mg/m<sup>3</sup> TWA

**Ethylene glycol (107-21-1)**

 ACGIH: 100 mg/m<sup>3</sup> Ceiling (aerosol only)

 OSHA: 50 ppm Ceiling; 125 mg/m<sup>3</sup> Ceiling

**Styrene (100-42-5)**

ACGIH: 20 ppm TWA

40 ppm STEL

 OSHA: 50 ppm TWA; 215 mg/m<sup>3</sup> TWA

 100 ppm STEL; 425 mg/m<sup>3</sup> STEL

 NIOSH: 50 ppm TWA; 215 mg/m<sup>3</sup> TWA

 100 ppm STEL; 425 mg/m<sup>3</sup> STEL

**Kaolin (1332-58-7)**

 ACGIH: 2 mg/m<sup>3</sup> TWA (respirable fraction, particulate matter containing no asbestos and <1% crystalline silica)

 OSHA: 10 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable fraction)

 NIOSH: 10 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable dust)

**2-Butoxyethanol (111-76-2)**

ACGIH: 20 ppm TWA

 OSHA: 25 ppm TWA; 120 mg/m<sup>3</sup> TWA

Prevent or reduce skin absorption

 NIOSH: 5 ppm TWA; 24 mg/m<sup>3</sup> TWA

Potential for dermal absorption

### Physical/Chemical Properties

<b>Appearance:</b> Off-white liquid	<b>Odor:</b> Slight sweet
<b>Physical State:</b> Liquid	<b>pH:</b> 7.6-7.8
<b>Vapor Pressure:</b> N/A	<b>Vapor Density:</b> Heavier than air
<b>Boiling Point:</b> N/A	<b>Melting Point:</b> N/A
<b>Solubility (H<sub>2</sub>O):</b> Not soluble	<b>Specific Gravity:</b> 1.27 or 10.54 lb/gal
<b>Evaporation Rate:</b> Slower than ether	<b>VOC:</b> 147 +/- 8
<b>Octanol/H<sub>2</sub>O Coeff.:</b> N/A	<b>Flash Point:</b> 134°F
<b>Flash Point Method:</b> Setaflash	<b>Upper Flammability Limit (UFL):</b> ND
<b>Lower Flammability Limit (LFL):</b> ND	<b>Burning Rate:</b> ND
<b>Auto Ignition:</b> ND	

### Fire and Explosion

Flash Point: 134°F  
 Upper Flammable Limit (UFL): ND  
 Auto Ignition: ND  
 Rate of Burning: ND

**Method Used:** Setaflash  
**Lower Flammable Limit (LFL):** ND  
**Flammability Classification:**

**Extinguishing Media:**

Use any media suitable for the surrounding fires.

**Special Fire Fighting Procedures:**

Firefighters should wear full protective clothing including self contained breathing apparatus.

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Ideapaint CRE-8 That (Part A)

### Unusual Fire and Explosion Hazards:

None

<b>Reactivity Data</b>
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### Stability:

Stable under normal conditions.

### Hazardous Decomposition:

Not Determined

### Incompatibility:

Not Determined

### Hazardous Polymerization:

Will not occur.

### Conditions To Avoid:

Not Determined

<b>Health Hazard Data</b>
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### Routes of Entry:

Eye, skin and respiratory contact.

### Acute Skin Contact:

May cause irritation.

### Chronic Skin Contact:

Not Determined

### Acute Eye Contact:

Contact can cause moderate to severe irritation and possible injury to the eyes.

### Acute Ingestion:

This product may be harmful if it is swallowed.

### Carcinogenicity:

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

##### Titanium dioxide (13463-67-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

NIOSH: potential occupational carcinogen

IARC: Monograph 93 [in preparation]; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))

##### Silica, amorphous (7631-86-9)

IARC: Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))

##### Ethylene glycol (107-21-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

##### Styrene (100-42-5)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 82 [2002]; Monograph 60 [1994] (Group 2B (possibly carcinogenic to humans))

##### Kaolin (1332-58-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

## Material Safety Data Sheet

### Ideapaint CRE-8 That (Part A)

#### 2-Butoxyethanol (111-76-2)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans  
IARC: Monograph 88 [2006] (Group 3 (not classifiable))

#### Medical Conditions Aggravated by Exposure:

Not Determined

#### EMERGENCY & FIRST AID PROCEDURES

##### Ingestion:

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

##### Inhalation:

If the affected person is not breathing, apply artificial respiration.

##### Skin Contact:

For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

##### Eye Contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

##### Respiratory:

If the affected person is not breathing, apply artificial respiration.

### Precautions for Safe Handling and Use

#### Steps to taken in case of release or spill:

Isolate area. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Absorb spill with inert material. Shovel material into appropriate container for disposal.

#### Waste Disposal Method:

Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Follow all Local, State, Federal and Provincial regulations for disposal.

#### Handling and Storage

Use this product with adequate ventilation. Avoid contact with skin and eyes. Keep the container in a well-ventilated place. Eliminate all sources of ignition.

#### Transportation Information:

Not Regulated

#### US DOT Information

Shipping Name: Combustible Liquid

### Control Measures

#### Respiratory:

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

#### Monitoring:

Not Applicable

#### Medical Surveillance:

Not Applicable

#### Skin:

Wear impervious gloves for prolonged contact.

#### Eyes:

Wear safety glasses; chemical goggles (if splashing is possible).

#### Ventilation Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

## Material Safety Data Sheet

Ideapaint CRE-8 That (Part A)

<b>Other Information:</b>
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**Additional Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

**Material Safety Data Sheet**

Ideapaint CRE-8 This (Part B)

**Manufacturer Information****Manufacturer Information**

IdeaPaint, Inc.  
25 First Street  
Suite 100  
Cambridge, MA 02141

Phone: 617.714.1050  
Fax: 617.714.1070

**Date Prepared:**

4-10-09

**Hazardous Composition**

CAS #	Component	Percent
Trade Secret	Component B1	<50
4435-53-4	Butoxyl	30
Trade Secret	Component B2	<20
9046-01-9	Tridecyl alcohol, ethoxylated, phosphated	<7
98-94-2	N,N-Dimethylcyclohexylamine	<2
Trade Secret	Component B3	<0.5
Trade Secret	Component B4	<0.5

**Component Exposure Limits****Component B3**

ACGIH: 0.005 ppm TWA  
OSHA: 0.005 ppm TWA  
0.02 ppm STEL  
Prevent or reduce skin absorption  
NIOSH: 0.005 ppm TWA; 0.045 mg/m3 TWA  
0.02 ppm STEL; 0.180 mg/m3 STEL  
Potential for dermal absorption

**Component B4**

ACGIH: 0.005 ppm TWA  
NIOSH: 0.005 ppm TWA; 0.035 mg/m3 TWA  
0.020 ppm Ceiling (10 min); 0.140 mg/m3 Ceiling (10 min)

**Physical/Chemical Properties**

<b>Appearance:</b>	Clear, pale yellow liquid	<b>Odor:</b>	Slight sweet
<b>Physical State:</b>	Liquid	<b>pH:</b>	N/A
<b>Vapor Pressure:</b>	N/A	<b>Vapor Density:</b>	Heavier than air
<b>Boiling Point:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Solubility (H2O):</b>	Not soluble	<b>Specific Gravity:</b>	1.09 or 9.06 lb/gal
<b>Evaporation Rate:</b>	Slower than ether	<b>VOC:</b>	332 +/- 2
<b>Octanol/H2O Coeff.:</b>	N/A	<b>Flash Point:</b>	147°F
<b>Flash Point Method:</b>	Setaflash	<b>Upper Flammability Limit (UFL):</b>	ND
<b>Lower Flammability Limit (LFL):</b>	ND	<b>Burning Rate:</b>	ND
<b>Auto Ignition:</b>	ND		

## Material Safety Data Sheet

Ideapaint CRE-8 This (Part B)

### Fire and Explosion

Flash Point: 147°F  
 Upper Flammable Limit (UFL): ND  
 Auto Ignition: ND  
 Rate of Burning: ND

Method Used: Setaflash  
 Lower Flammable Limit (LFL): ND  
 Flammability Classification:

**Extinguishing Media:**

Use any media suitable for the surrounding fires.

**Special Fire Fighting Procedures:**

Firefighters should wear full protective clothing including self contained breathing apparatus.

**Unusual Fire and Explosion Hazards:**

None

### Reactivity Data

**Stability:**

Stable under normal conditions.

**Hazardous Decomposition:**

Not Determined

**Incompatibility:**

Not Determined

**Hazardous Polymerization:**

Will not occur.

**Conditions To Avoid:**

Not Determined

### Health Hazard Data

**Routes of Entry:**

Eye, skin and respiratory contact.

**Acute Skin Contact:**

May cause irritation.

**Chronic Skin Contact:**

Not Determined

**Acute Eye Contact:**

Contact can cause moderate to severe irritation and possible injury to the eyes.

**Acute Ingestion:**

This product may be harmful if it is swallowed.

**Carcinogenicity:**

**A: General Product Information**

No information available for the product.

**B: Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

**Medical Conditions Aggravated by Exposure:**

Not Determined

**EMERGENCY & FIRST AID PROCEDURES**

**Ingestion:**

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

**Inhalation:**

If the affected person is not breathing, apply artificial respiration.

## Material Safety Data Sheet

Ideapaint CRE-8 This (Part B)

**Skin Contact:**

For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

**Eye Contact:**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Respiratory:**

If the affected person is not breathing, apply artificial respiration.

### Precautions for Safe Handling and Use

**Steps to taken in case of release or spill:**

Isolate area. Keep unnecessary personnel away.

**Waste Disposal Method:**

Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Follow all Local, State, Federal and Provincial regulations for disposal.

**Handling and Storage**

Use this product with adequate ventilation. Avoid contact with skin and eyes. Keep the container in a well-ventilated place.

**Transportation Information:**

Not Regulated

**US DOT Information**

Shipping Name: Not Regulated

### Control Measures

**Respiratory:**

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

**Monitoring:**

Not Applicable

**Medical Surveillance:**

Not Applicable

**Skin:**

Wear impervious gloves for prolonged contact.

**Eyes:**

Wear safety glasses; chemical goggles (if splashing is possible).

**Ventilation Controls**

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

### Other Information:

**Additional Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.