

V764

21707-1105

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 1 of 7

## MATERIAL SAFETY DATA SHEET

### 1. Product and Company Identification

**Product Name:** Blick Matte Fixative  
**Product Code:** 21707-1105      **Product Type:** Aerosol  
**Product Use:** Art Material Coating

**Manufacturer:** Creative Art Materials Ltd.    **Revision Date:** 03/22/2010  
**Address:** 4310 Cranwood Parkway  
Warrensville Heights, OH 44128      **Phone:** (216)-518-0298

**NOTE:** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Creative Art Materials Ltd. provides this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards.

### 2. Composition / Information on Ingredients

Ingredients	CAS #	Percent
Acetone	67-64-1	35-45
Isobutyl Acetate	108-21-4	2-7
Amorphous Precipitated Silica	112945-52-5	< 1
Methyl Isobutyl Ketone	108-10-1	2-4
Methyl Ethyl Ketone	78-93-3	2-4
N. Butyl Acetate	123-86-4	<1
Primary Amyl Acetate	628-63-7	1-4
Diacetone Alcohol	123-42-2	2-7
VM&P	64742-89-8	1-3
Ethyl Benzene	1000-41-4	0-1
Xylene	1330-20-7	2-8
Isopropanol	67-63-0	<1
LPG	68476-86-8	15-30

### 3. Hazards Identification

**CAUTION!    CONTENTS UNDER PRESSURE    EXTREMELY FLAMMABLE**

**Odor/Appearance:** Clear mist as dispensed from aerosol can.

**Potential health effects**

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 2 of 7

**Routes of exposure:** Skin, eyes, inhalation, ingestion.

**Eye Contact:**

May cause immediate or delayed irritation. Irritation may show up as redness and/or swelling.  
May cause corneal damage.

**Skin Contact:**

Repeated or prolonged contact with skin may produce redness, irritation and/or dryness. May cause or aggravate dermatitis or other existing skin condition.

**Inhalation:**

Inhalation of vapors or spray mist may cause headaches, and/or nose and throat irritation.

**Ingestion:**

Ingestion may cause irritation to the mouth, esophagus, and/or stomach.

**Signs or Overexposure:**

Irritation of eyes, nose, throat, digestive tract.

**Pre-existing Conditions Aggravated:**

Skin and respiratory disorders. Alcoholism, kidney, liver, cardiovascular and nervous system disorders.

**Target Organs:**

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible kidney effects, effects on hearing, central nervous system damage

#### **4. First Aid Measures**

**Eye Contact:**

Flush with warm water for 15 minutes. Seek medical attention.

**Skin Contact:**

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

**Inhalation:**

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

**Ingestion:**

Immediately give the person two large glasses of water. Do not induce vomiting. Get medical attention immediately. **DO NOT GIVE AN UNCONCIOUS OR CONVULSING PERSON ANYTHING BY MOUTH!**

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 3 of 7

### **5. Fire Fighting Measures**

**Flash Point:** Flash point of propellant <0 degrees F. Based on Propellant

**Flammable limits in air, % by volume:**

**Upper:** No Information  
**Lower:** No Information

**Extinguishing Media:**

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

**Unusual Fire & Explosion Hazards:**

This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

**Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

### **6. Accidental Release Measures**

**Spill or Leak Instructions**

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

### **7. Handling and Storage**

**Handling:**

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 4 of 7

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

**Storage:**

Store in a cool, dry area, away from heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

**8. Exposure Controls / Personal Protection**

**Protective Equipment:**

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

**Engineering Controls:**

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Respiratory Protection:**

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

**Other Suggested Equipment:**

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

**Discretion Advised:**

Eveready, takes no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

**Exposure guidelines:**

Ingredients	CAS #	Exposure Limits	
		OSHA (PEL)	ACGIH (TLV)
Acetone	67-64-1	750	750
Isobutyl Acetate	108-21-4	150	150
Amorphous Precipitated Silica	112945-52-5	N/A	N/A
Methyl Isobutyl Ketone	108-10-1	100	50
Methyl Ethyl Ketone	78-93-3	200	200
N. Butyl Acetate	123-86-4	150	150
Primary Amyl Acetate	628-63-7	50	100
Diacetone Alcohol	123-42-2	50	50
VM&P	64742-89-8	300	300
Ethyl Benzene	100.41-4	100 ppm	100 ppm
Xylene	1330-20-7	100	100
Isopropanol	67-63-0	400	500
LPG	68476-86-8	1000	1000

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 5 of 7

### 9. Physical and Chemical Properties

Boiling Point: NA  
Vapor Density: >1(Air=1)  
Odor/Appearance: Clear mist as dispensed from aerosol can.  
Evaporation Rate: Ether = 1 Slower

Specific Gravity: <1  
Water Solubility: Emulsifies

### 10. Stability and Reactivity

Stability: Stable  
Incompatibility: Strong-Oxidizing Agents  
Hazardous Decomposition: Combustion will produce Carbon Monoxide, Carbon Dioxide and nitrogen-oxygen compounds.  
Hazardous Polymerization: Will not occur

Conditions to Avoid: Heat, spark, and open flame

### 11. Toxicological Information

#### Component Toxicological Information:

#### Acute oral toxicity

Acetone	LD 50 Rat: 5800 mg/kg
Xyklene	LD 50 Rat 4,300 mg/kg
Ethyl Benzene	LD 50 Rat 3,500 mg/kg
Isopropanol	LD 50 >5,000 mg/kg
Methyl Ethyl Ketone	LD 50 Rat 2737 mg/kg
Methyl Isobutyl Ketone	LD 50 Rat 2080 mg/kg

#### Acute inhalation toxicity

Acetone	LC 50 Rat: > 16,000 ppm, 4h
Xylene	no date
Ethyl Benzene	LC Lo Rat 4,000 ppm, 4 h
Methyl Ethyl Ketone	LC 50 Rat 23,500 mg/m3

#### Acute dermal toxicity

Acetone	LD 50 Rabbit: > 20,000 mg/kg
Xylene	LD 50 Rabbit > 2,000 mg/kg
Ethyl Benzene	LD 50 Rabbit 15,433 mg/kg
Isopropanol	LD 50 > 2,000 mg/kg
Methyl Ethyl Ketone	LD50 Rabbit 6480 mg/kg
Methyl Isobutyl Ketone	LD 50 Rabbit >20 gm/kg

### 12. Ecological Information

N/A

### 13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 6 of 7

and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

#### **14. Transport Information**

Ground (US DOT) Consumer Commodity  
Class ORM-D,

AIR (IAIA)  
Consumer Commodity, Class 9, UN/ID 8000, Packing 1900, Authorization: Limited Quantity  
Vessel  
Aerosol (Limited Quantity), class 2, UN No 1950

#### **15. Regulatory Information**

##### **Environmental Regulations**

##### **SARA 311/312:**

Immediate (  ) Delayed (  ) Fire (  ) Reactive (  ) Sudden Release of Pressure (  )

##### **Section 313**

This product contains:

Xylene 1330-20-7 1-5%

California Prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which require a warning under the statute: Toluene, Benzene

California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Benzene, Ethyl Benzene

All the chemicals used in this product are TSCA listed.  
Check with your local regulators to be sure all local regulations are met.

#### **16. Other Information**

Product Name: Blick Matte Fixative  
Product Code: 21707-1105

Print Date: 3/23/10  
Total pages: Page 7 of 7

**Hazard ratings** This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

**NFPA:** Level 3 Aerosol

**HMIS:** Health: 3 Flammability: 4 Reactivity: 0

**RATING:** 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

**Note:**

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Eveready makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.