

25030-1009**DALER ~ ROWNEY U.S.A.**

FINE ART & GRAPHIC MATERIALS

Daler-Rowney USA, 2 Corporate Drive, Cranbury, New Jersey 08512-9584 U.S.A.
Tel: 609 655 5252 Fax: 609 655 5852**Material Safety Data Sheet****1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

Product :

BADGER AIRTEX

Intended use:

FOR USE WITH AIRBRUSHES.

Manufacturers Name:

Daler-Rowney Ltd.

Address:

2 Corporate Drive
Cranbury
New Jersey 08512-9584

Emergency telephone Number:

609 655 5252

Telephone Number for information:

609 655 5252

Date of Issue:

13TH February 2001**2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS**

Substances presenting a health hazard with the meaning of the Dangerous Substances Directive 67/548/EEC.

Names:	% (wt) Concentration	Symbol	R Phrases
Preservatives based on:			
Bicyclic Oxazolidines	0.5%	Xi	36, 43
2-mercaptobenzothiazole	0.2%	C	40, 50/53

3. HAZARDS IDENTIFICATION OF PREPARATION

Product Type: Badger Airtex for Fine Art and Graphics work.

Labelling requirements in conformity with ASTM D - 4236

Classified as HL Non - Toxic

AIRTEX

4. FIRST AID MEASURES.

- General:** In all cases, if in doubt or where symptoms persist, seek medical advice.
NEVER give anything by mouth to an unconscious person.
- Inhalation:** Remove patient to fresh air.
- Eye contact:** Irrigate with copious amounts of clean water. If symptoms persist seek medical attention.
- Skin contact:** Wash affected area with plenty of soap and water.
- Ingestion:** **DO NOT** induce vomiting. Give water to drink. Seek medical advice.

5. FIRE FIGHTING METHODS

- Extinguishing media:** Any extinguisher.
- Not to be used:** Not Applicable.
- Recommendations/other information :**

6. ACCIDENTAL RELEASE MEASURES

Clean up with absorbent material.
Wash area with detergent and water.

7. HANDLING AND STORAGE

- Handling:** Avoid contact with clothing or furnishings.
Avoid contact with eyes.
Avoid ingestion.
Do not eat, drink or smoke when using.
Wash hands after use.
- Storage:** Store in closed containers at room temperature.
Protect from freezing and high temperatures.

8. EXPOSURE CONTROLS/PERSON PROTECTION

Wear overalls / smock.
When airbrushing use a suitable mask or ensure adequate ventilation.
DO NOT eat, drink or smoke when using.
Wash hands after use.

*AIRTEX***9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Coloured liquid.
Odour : Slight Acrylic resin.
pH of aqueous extract: Not Applicable.
Melting point: Below 32 °F
Flash point: Not Applicable.
Flammability : Not Applicable.
Explosive properties : Not Applicable.
Specific gravity: 1.10
Solubility water: Soluble
Organic solvents: Insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Avoid extremes of temperature.

Materials to avoid: None known.

Hazardous decomposition products :

11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit:

Ingestion: Not considered to represent a significant health hazard, but may cause discomfort in mouth, throat or stomach and may cause vomiting or diarrhoea.

Skin: Prolonged contact may result in a mild reaction in some cases.

Eyes: May cause discomfort and reddening.

Respiratory: May cause discomfort.

12. ECOLOGICAL INFORMATION

No information available.

*AIRTEX***13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local authority regulations.

14. TRANSPORT INFORMATION

Transport only in accordance with ADR for roads, RID for Rail, IMDG for sea and ICAO/IATA for air transport

ADR/RID: Not restricted.

IMG : Not restricted.

ICAO/IATA: Not restricted.

Packaging Group.

15. REGULATORY INFORMATION

In accordance with ASTM D – 4236 the product is labelled as follows:

Danger Classification: HL Non – Toxic.

16. OTHER INFORMATION

The information on this MSDS is based on the present state of our knowledge, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than specified in section 1 without first seeking our advice. It is always the responsibility of the user to take necessary steps in order to fulfil the demands laid down in the local rules of legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.

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Material Safety Data Sheet

U.S. Department of Labor

May be used to Comply with
 OSHA's Hazard Communication Standard 29 CFR 1910.
 Standard must be consulted for specific requirements

Occupational Safety and Health Administration
 (Non-Mandatory Form) Form Approved OMB No. 1218-0072

Identify (As Used On Label and List) 538

531 Ink Remover

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I—Manufacturer's Name (Address, Street, City, State, & Zip Code)		HAZARD RATING	
Badger Air-Brush Co. 9128 West Belmont Ave Franklin Park IL 60131		Emergency Telephone Number	HEALTH 3
		1-800-592-1900	FLAMMABILITY 2
		Telephone Number for Information	REACTIVITY 1
		(630) 595-1900	0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Extreme
Date Prepared	Protective Equipment:		
Revised: 10/26/98	Goggles, Gloves, Vapor Respirator		

Section II—Hazardous Ingredients / Identity Information		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hazardous Components (Specify Chemical Identity, Common Names)					
Butyl Cellosolve, 2-Butoxyethanol, CAS# 111-76-2 Subject to the reporting requirements of Sec.313 of SARA Title III of 40 CFR 372.		60 ppm	25 ppm	N/A	70 %
Morpholine, CAS# 110-91-8		20 ppm	20 ppm	N/A	

Section III—Physical Chemical Characteristics			
Boiling Point	340.2°F	Specific Gravity (WATER =1)	0.944
Vapor Pressure	0.6 mm Hg	Melting Point	N/A
Vapor Density	4.1 (Air=1)	Evaporation Rate	0.08 (Butyl Acetate=1)
Solubility in Water	Complete		
Appearance and Odor	clear yellow liquid with butyl odor.		

Section IV—Fire and Explosion Hazard Data			
Flash Point	Flammable Limits	LEL	UEL
150°F (T.C.C.)		1.1	10.8

Extinguishing Media
 Use water spray, carbon dioxide, dry chemical, alcohol type, or universal type foams applied by manufacturers' recommended techniques.

Special Fire Fighting Procedures
 Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards
 Do not expose to heat, flame, sparks, or other sources of ignition. Vapors may be flammable and travel long distances.

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Section V—Reactivity Data

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Stability	Unstable	Conditions to Avoid Heat, sparks, open flame.	
	Stable		
	X		
Compatibility (Materials to Avoid)	Avoid contamination with alkalis and acids.		
Hazardous Decomposition or Byproducts	Burning can produce carbon monoxide and/or carbon dioxide.		
Hazardous Polymerization	May Occur	X	Conditions to Avoid
	Will Not Occur		
None			

Section VI—Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
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Health Hazards (Acute and Chronic)

Acute: Eyes- causes moderate irritation and possible corneal injury. Skin- may cause slight reddening. Inhalation- may cause headache, dizziness, nausea, vomiting. Ingestion- May cause nausea, vomiting, diarrhea.
 Chronic: repeated overexposure may lead to liver and kidney damage.

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure	Eye and skin irritation. Headache, dizziness, nausea, vomiting, diarrhea.
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Medical Conditions Generally Aggravated	Repeated overexposure may cause hemolysis of red blood cells leading to possible liver and kidney damage.
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Emergency and First Aid Procedures	Eyes-Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention without delay. Skin- flush with water. If irritation persists, call a physician. Ingestion-get medical attention. Inhalation-remove to fresh air.
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Section VII—Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Wear suitable protective equipment. Small spills should be flushed with large quantities of water. for larger spills, absorb with clay-type absorbent and sweep to containment area.
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Waste Disposal	In accordance with federal, state and local regulations.
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Precautions to be Taken in Handling and Storage	Avoid breathing vapor. Keep away from heat and flame. Avoid contact with eyes, skin, and clothing. Keep container closed when not in use. Use with adequate ventilation.
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Other Precautions	Keep away from children.
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Section VIII—Control Measures

Respiratory Protection (Specify Type)	Use a NIOSH/MSHA jointly approved air supplied respirator if the TLV of the product or any of its ingredients is exceeded.
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Ventilation	Local Exhaust	Only if mechanical is inadequate	Special	N/A
	Mechanical (General)	Satisfactory	Other	N/A

Protective Gloves	Rubber or PVC	Eye Protection	Goggles
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Other Protective Clothing or Equipment	Eye Wash Station	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.
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