Q-BASE DB 2044 SEMI GLOSS DISPLAY BINDER

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Q-BASE DB 2044 SEMI GLOSS DISPLAY BINDER
Common Name: Topcoat
SDS Number: P0052
Product Code: QBASEDB2044
Revision Date: 12/16/2025
Chemical Formula: Complex Mixture
Product Use: Topcoat

Supplier Details: Quill Hair & Ferrule LTD
1 Greengate Park Rd., P.O. Box 23927
Columbia, SC 29224

Contact: Deborah Millar
Phone: 1-803-788-4499
Fax: 1-803-736-4731
Email: dmillar@paint-info.com
Internet: www.qhfonline.com

24 Hours Emergency Number 1-800-535-5053 INFOTRAC ID# 116017

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: NONE

GHS Hazard Pictograms:
No GHS pictograms indicated for this product

GHS Hazard Statements:
No GHS hazards statements indicated

GHS Precautionary Statements:
No GHS precautionary statements indicated

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Inhalation; Skin
Target Organs: Eyes; Skin; Respiratory system; Cental nervous system; Hematopoietic system; Blood; Kidneys; Liver; Lymphiod system
Inhalation: Anesthetic, may cause repiratory irritation and cns depression. Can cause irritation and inflammation of the respiratory tract. Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation, tearing and redness.
Eye Contact: May cause irritation.
Ingestion: Aspiration hazard: Harmful or fatal if swallowed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name	ACGIH TLV (PPM)	OSHA PEL (PPM)
111-76-2	1-3%	Glycol Ether EB	20	50
112926-00-8	4-6%	Silica, amorphous	10mg/m3	6mg/m3
107-98-2	35-45%	Propylene glycol methyl ether	100	100

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4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Promptly flush skin with water until all chemical is removed. Get medical attention if needed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
Ingestion: Seek immediate medical attention. Induce vomiting

5 FIRE FIGHTING MEASURES

Flammability: NFPA Class 1B flammable liquid
Flash Point: 89 DEGREES F
Flash Point Method: 532 DEGREES F
Lower Explosive Limit: 3%
Upper Explosive Limit: 12%
Dry powder, water spray, dry chemical, carbon dioxide, alcohol foam. Do not use a solid stream of water since the stream will scatter and spread the fire. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

6 ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-Sparking tools and equipment. Absorb spill with inert material, then place in chemical wast container. Remove/Dispose of in a manner consistent with federal and local law. Do not use combustible materials, such as saw dust. Do not flush to sewer. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect attempting to stop leak and to flush spills away from exposures.

7 HANDLING AND STORAGE

Handling Precautions: Protect against physical damage.
Storage Requirements: Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing. Protect against physical damage. Outside or detached storage is preferred. Seperate from oxidizing materials. Containers should be bonded and grounded from transfers to avoid static sparks. Storage and use areas should be No smoking areas. Containers of the material may be hazardous when empty since they retain product residues (vapors,liquid); observe all warnings and precautions listed for the product.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: N/A
Personal Protective Equipment: HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron
Wear appropriate respirator when ventilation is inadequate or when spraying

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless Liquid
Physical State: Liquid
Odor: ether-like odor
Specific Gravity or Density: .92
Solubility: Miscible
Boiling Point: 248.2 Degrees F
Percent Volatile: 45%
Vapor Pressure: 10.9 mmHg @ 20C
Freezing or Melting Point: -139 Degrees F
Potentia Hydrogenii: 7
Vapor Density: 3.12
Evaporation Rate: 0.7
Volatile organic compound: 561.3 GR P/LTR 4.68 LBS P/GL

10 STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions.
Conditions to Avoidentification: Oxidation promoting conditions (Heat, Sunlight and Air).
Materials to Avoidentification: Strong Acids
Hazardous Decomposition: Carbon dioxide, oxides of nitrogen, carbon monoxide
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY				
Ingredient Name	**Test**	**Results**	**Route**	**Species**
Glycol Ether EB	LD 50	470 mg/kg	Oral	Rat
	LC 50	450 ppm / 6 hours	Inhalation	Rat
	LD 50	220 mg/kg	Dermal	Rabbit
Silica, Amorphous	LD 50	3160 mg/kg	Oral	Rat
	LC 50	2.08 mg/ L/ four hours	Inhalation	Rat
	LD 50	5000 mg/kg	Dermal	Rabbit
Propylene glycol	LD 50	5660 mg/kg	Oral	Rat
methyl ether	LC 50	1000 ppm / five hours	Inhalation	Rat
	LD 50	13000 mg/kg	Dermal	Rabbit

12 ECOLOGICAL INFORMATION

Enviromental Fate: When released into the soil, this material is not expected to evaporate significantly. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released into water, this material is not expected to evaporate significantly. When released into water, this material may biodegrade to a moderate extent. This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals, When released into the air, this material is expected to have the half-life of less than one day.

13 DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14 TRANSPORT INFORMATION

DOT:Paint Related Material, 3, UN1263, PG II

IATA:Paint Related Material, 3, UN1263, PG II

MULTI-MODAL:Paint Related Material, 3, UN1263, PG II

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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*Glycol Ether EB (111-76-2 1-3%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

*Silica, amorphous,(112926-00-8 4-6%) MASS, OSHAWAC, TXAIR

*Propylene glycol methyl ether (107-98-2 35-45%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances

16 OTHER INFORMATION

Quill Hair & Ferrule LTD believes that the data contained herein is accurate and derived from qualified sources. The data is not to be taken as a warranty or representation for which Quill Hair & Ferrule LTD assumes legal responsibility. It is offered solely for your consideration, investigation, and verification. Any use of this data and information should be determined by the end user in accordance with Federal, State and local laws and regulations.

Revision Date: 12/16/2025