

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT AQUAGLOSS WHITE

FILE NO.: WB2271-5410

MSDS DATE: 4/4/2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Aquagloss WB enamel - White

SYNONYMS:

PRODUCT CODES: 80021

MANUFACTURER: Flexabar Corporation

ADDRESS: 1969 Rutgers University Blvd.
Lakewood, NJ 08701 USA

FLEXDEL
c o r p o r a t i o n

EMERGENCY PHONE: 1-800-424-9300

CHEMTREC PHONE: 1-800-424-9300

OTHER CALLS: 1-732-901-6500

FAX PHONE: 1-732-901-6504

PRODUCT USE: Water based Top Side enamel.

PREPARED BY: Hamdi Latif

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Acrylic Polymer				
Proprietary		18.00 -22.00		NO
<u>INGREDIENT:</u> Alkyd Polymer				
Proprietary		50.00 – 58.00		NO
<u>INGREDIENT:</u> Ethylene Glycol				
107-21-1		.70 - 1.00		YES
<u>INGREDIENT:</u> Aqua Amonia				
1336-21-6		0.00 – 0.1		YES
<u>INGREDIENT:</u> Xylene, mixed isomers				
1330-20-7		< 0.3		YES

SECTION 2 NOTES:

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SECTION 3: HAZARDS IDENTIFICATION**

** As defined by the OSHA Hazard Communications Standard, 29 CFR 1910.1200. See section 8 for exposure guidelines & Section 11 for toxicology and ingredient specific information.

EMERGENCY OVERVIEW

SLIGHTLY VISCOUS WHITE LIQUID MILD ODOR; EYE IRRITANT. SKIN IRRITANT

Primary routes of Entry	Inhalation of vapor, aerosol or spray mist. Skin or eye contact with product, vapor or spray mist accidental ingestion of product.
Eyes	This product may be an eye irritant
Skin	This product contains a component which may be irritating to the skin. Repeated exposure may cause skin dryness or cracking.
Inhalation	Vapors and /or aerosols of this material will probably irritate mucous membranes, eyes, nose and respiratory passages.

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

Inhalation	Remove person to fresh air. If a cough or other respiratory symptoms develop consult medical personal.
Skin contact:	Wash off skin with plenty of soap and water. If redness, itching or burning sensation develops, Get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.
Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If redness, itching or burning
Ingestion:	DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personal or take direction from either a physician or a poison control center. Never give anything to drink to an unconscious person. Small amounts of this material or a component of this material aspirated into the lungs during ingestion or subsequent vomiting may induce severe lung injury.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: FOR FURTHER INFORMATION, CALL CHEMTREC NUMBER IN SECTION ONE.

SECTION 4 NOTES:

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SECTION 5 FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:

(% BY VOLUME) NA LOWER: NA

FLASH POINT:

F: > 208°

C: > 98°

METHOD USED: Pensky-Martens Closed Tester

AUTOIGNITION TEMPERATURE:

F: NA

C: NA

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0
PROTECTION: D

EXTINGUISHING MEDIA: DRY CHEMICAL/FOAM/WATER

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used on closed containers to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will not support combustion unless water has evaporated.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Wear self contained breathing apparatus with full face piece and protective clothing.

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear skin and eye protection during cleanup.

METHODS FOR CLEANING UP: Contain spill. Soak up material with absorbant and shovel into chemical waste container.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING:

This product which is an aqueous coating dispersion, may be difficult to remove without injuring the skin if allowed to dry. Prevent skin and eye contact. Normal chemical handling and storage.

REQUIREMENTS FOR STORAGE AREAS AND CONTAINERS:

Keep containe tightly sealed. Store in a cool, well ventilated area away from heat, sources of ignition, direct Sunlight and incompatable materials. Keep from freezing.

SECTION 7 NOTES:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide adequate ventilation if fumes are likely to develop. Ensure that eyewash stations and safety showers are proximal to the work area.

RESPIRATORY PROTECTION: Use NIOSH approved respirator for chemical vapors.

EYE PROTECTION: Splash proof goggles or face shield.

SKIN PROTECTION: Use latex or rubber gloves, chemical apron and long sleeve shirt other protective clothing or equipment: facilities using this product should be equipped with an eyewash station.

WORK HYGIENIC PRACTICES: Eye wash station and safety shower in work area.

EXPOSURE GUIDELINES:

COMPONENT	SOURCE	TYPE	VALUE	REMARKS
Aqua Amonia	ACGIH	TWA	17 mg/m3	Supplier MSDS
	ACGIH	STEL	24 mg/m3	
Ethylene Glycol	OSHA	PEL	3.5	Supplier MSDS

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WHITE VISCOUS LIQUID

ODOR: TYPICAL LATEX, SLIGHT AMMONIA ODOR

PHYSICAL STATE: LIQUID

pH AS SUPPLIED: 8.0 - 9.0

pH (Other):

BOILING POINT:

F: 212 WATER

C: 100 WATER

MELTING POINT:

NA F:

C:

FREEZING POINT:

F: 32 WATER

C: 0 WATER

VAPOR PRESSURE (mmHg):

F: 17mm Hg @ 68° WATER

C: 17 mm Hg @ 20° WATER

VAPOR DENSITY (AIR = 1):

F: <1 @ 68° WATER

C: <1 @ 20° WATER

SPECIFIC GRAVITY (H2O = 1):

1.143 - 1.145 @

68° F:

20° C:

EVAPORATION RATE:

BAC (=1): <1

VOC 86.65gr/l

SOLUBILITY IN WATER: DILUTABLE

SECTION 9 NOTES:

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SECTION 10: STABILITY AND REACTIVITY

STABLE
X

UNSTABLE

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): PROTECT FROM FREEZING

INCOMPATIBILITY (MATERIAL TO AVOID): STRONG OXIDIZING AGENTS, (HYDROGEN PEROXIDE / PERMANGANATES /PERCHLORATES) DEPENDING ON THE AMOUNT. CONTACT CAN RESULT IN INTENSE HEAT/EXPLOSION.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Toxic gas generation (CO₂CO)

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Stable under normal conditions

SECTION 10 NOTES:

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity: This product contains no components at concentrations equal to or greater than 0.1% Listed by IARC, OSHA or ACGIH as a carcinogen.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

Additional ecotoxicological : No data.
remarks

Environmental fate : No data.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: dry waste is not considered hazardous dispose of in a sanitary landfill.

RCRA HAZARD CLASS : Discarded product is not a hazardous waste under RCRA, but may be regulated by other jurisdictions.

Container disposal : Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all residue from container and puncture or otherwise destroy container before disposal.
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SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

US DOT HAZARD CLASS:.....NOT US DOT REGULATED

SECTION 14 NOTES:

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SECTION 15: REGULATORY INFORMATION

TCSA (TCSA Substances Control Act) on All components of this material are included or are exempt from listing the TCSA inventory of Chemical Substances. This product contains a polymer for which qualification under the 1995 TCSA polymer exemption has been documented.

TSCA 12(b) p -Xylene 106- 42-3

CEPA (Canadian Environmental Protection Act) the CEPA (Canadian Environmental Protection Act): All components are on DSL (Domestic Substance List).

SARA Title III (Emergency Planning and Community Right To-Know Act) This product does not contain any chemicals at levels subject to the the reporting requirements of SARA Section 313

California Proposition 65 WARNING. This product contains a chemical known to the State of California to cause cancer

Ethylbenzene <0.025%

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
TWA = Time Weighted Average
PEL = Permissible Exposure Limit
STEL = Short Term Exposure Limit
Bac = Butyl Acetate
NA = Not Applicable

PREPARATION INFORMATION: HMIS Hazard Ratings Scale 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Extreme

Check with supervisor for appropriate personal protection in accordance with rating.

DISCLAIMER:

The information contained herein relates only to the specific material identified. Flexabar Corporation believes that the information is accurate and reliable as of the preparation date of this material safety data sheet, but no representation, guarantee or warranty expressed or implied is made as to the accuracy, reliability or completeness of the information. Flexabar Corporation urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.