

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : 2K WATER BASED URETHANE PART A
 IDENTIFICATION NUMBER: WBU PART A DATE PRINTED: 05/05/11
 PRODUCT USE/CLASS :

SUPPLIER: Marine Industrial Paint Co., Inc. 4590 60th Ave. St. Petersburg, FL 33714	MANUFACTURER: Marine Industrial Paint Co., Inc. 4590 60th Ave. St. Petersburg, FL 33714
EMERGENCY TELEPHONE: 727-527-3382 8 AM - 4 PM	EMERGENCY TELEPHONE: 800-255-3924 24 HOURS

PREPARER: Steven C. Halliday, PHONE: 727-527-3382, PREPARE DATE: 05/05/11

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	Polyacrylate Resin		40.0 %
02	Triethanolamine	102-71-6	1.0 - 4.0 %
03	Propylene Glycol n-Butyl Ether	5131-66-8	1.0 - 4.0 %
04	UV Absorber	104810-48-2	1.0 - 4.0 %

ITEM	EXPOSURE LIMITS					SKIN
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	COMPANY TLV-TWA	
01	N.A.	N.A.	N.A.	N.A.	N.A.	
02	5 mg/m3	N.E.	N.E.	N.E.	N.E.	Yes
03	N.E.	N.E.	N.E.	N.E.	N.E.	
04	N.E.	N.E.	N.E.	N.E.	N.E.	Yes

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Product poses little or no hazard if spilled. Use cold water spray to cool fire exposed containers to minimize the risk of rupture. Irritating gases/fumes may be given off during burning or thermal decomposition. Uv absorber contained in this product may cause allergic skin reactions.

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EFFECTS OF OVEREXPOSURE - EYE CONTACT: This material may cause mild eye irritation. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing and redness.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Triethanolamine may cause skin Irritation. UV absorber may cause skin irritation while sensitization Possible. Propylene Glycol n-Butyl Ether is slightly toxic by skin Absorption. Persons with pre-existing skin conditions may be more Susceptible to the effects of this material.

EFFECTS OF OVEREXPOSURE - INHALATION: Breathing high concentrations of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression. Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material. This material is expected to have a low degree of toxicity by inhalation.

EFFECTS OF OVEREXPOSURE - INGESTION: Propylene Glycol n-Butyl Ether may be Harmful if swallowed. Triethanolamine ingestion may cause abdominal pain, Nausea, vomiting and diarrhea.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains no carcinogenic Substances defined by IARC, NTO and/or SHA. Chronic ingestion of Triethanolamine may cause liver and/or kidney damage.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT EYE CONTACT.

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: In case of contact, flush eyes with plenty of Lukewarm water. Use fingers to ensure that eyelids are separated and that The eye is being irrigated. Get medical attention of irritation develops.

FIRST AID - SKIN CONTACT: Remove contaminated clothing and shoes and Flush with large amounts of water. If skin is damaged, apply a clean Dressing and seek medical attention. If skin surface is not damaged, Cleanse thoroughly with mild soap and water. If redness or irritation Develops seek medical attention. Wash with soap and water. Get medical Attention if irritation develops or persists.

FIRST AID - INHALATION: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, immediately start artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

FIRST AID - INGESTION: Get medical attention immediately. This material is a potential aspiration hazard. DO NOT INDUCE VOMITING. If swallowed seek emergency medical attention. If victim is drowsy or unconscious, place on left side with head down. If possible, do not leave the victim unattended.

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SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A. LOWER EXPLOSIVE LIMIT: N.A.
(TAGLIABUE CLOSED CUP) UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE:

EXTINGUISHING MEDIA: Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

SPECIAL FIREFIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Water spray may be useful in minimizing or dispersing vapors and cooling Equipment exposed to heat and flames.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with an inert absorbent material, then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Immediate cleanup of any spill is recommended.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Use good personal hygiene practice.

STORAGE: Keep from freezing. Keep containers closed when not in use. Store Only in approved container. Protect containers against physical damage

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this product should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace Conditions warrant a respirators use.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

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EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: No Information.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: Unknown
ODOR	: Sweet	ODOR THRESHOLD	:
APPEARANCE	: Milky liquid	EVAPORATION RATE:	Unknown
SOLUBILITY IN H2O	: Yes		
FREEZE POINT	: 32 F	SPECIFIC GRAVITY:	1.0158
VAPOR PRESSURE	: 24 mm Hg(water)	pH @ 100.0 %	: 7.7
PHYSICAL STATE	: Liquid	VISCOSITY	:
COEFFICIENT OF WATER/OIL DISTRIBUTION:			

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No information.

INCOMPATIBILITY: This product is incompatible with strong acids or bases, oxidizing agents and selected amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield carbon dioxide and/or carbon monoxide. Do not breathe smoke or fumes. Wear appropriate protective equipment.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

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SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

No transportation information is available.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: N.A.

VOLATILE ORGANIC COMPOUNDS (VOCS): 0.47 lbs/gal 56 grams/liter

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

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The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

END OF MSDS