

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

YELLOW AQUA MAR W/R A/D EN.

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PRODUCT NAME: YELLOW AQUA MAR W/R A/D EN.  
PRODUCT CODE: SP-11440-1

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Marcus Paint Company  
ADDRESS : 235 E. Market St.  
Louisville, KY 40202

EMERGENCY PHONE IN KY : 1-800-722-5725      DATE PRINTED : 5/14/2003  
OUTSIDE KENTUCKY : 1-800-854-6813      CORPORATE PHONE : 502-584-0303

===== SECTION II - HAZARDOUS INGREDIENTS/SARA 313 INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT%
P TITANIUM DIOXIDE OSHA-PEL (8 HR.TWA) = 15 MG/M3 ACGIH-TLV (TWA) = 10 MG/M3	13463-67-7	10.323
DIRPOPYLENE GLYCOL N-PROPYL ETHER OSHA-PEL (8 hr. TWA) = NOT ESTABLISHED ACGIH-TLV (TWA) = NOT ESTABLISHED	29911-27-1	6.68
H TRIETHYLAMINE ACGIH-TLV (TWA) = 10 PPM ACGIH-STEL = 15 PPM OSHA-PEL (8 HR. TWA) = 10 PPM OSHA-STEL (30 MIN.) = 15 PPM	121-44-8	1.04
C STYRENE ACGIH-TLV (TWA) = 50 PPM SKIN ACGIH-STEL = 100 PPM OSHA-PEL (8 HR. TWA) = 50 PPM SKIN OSHA-STEL (30 MIN.) = 100 PPM IARC RATING = 2B(POSSIBLY CARCINOGENIC TO HUMANS)	100-42-5	.107

DESCRIPTION OF POSSIBLE COMPONENT PREFIXES ABOVE:

C--This item may be considered carcinogenic by IARC or NTP or OSHA. See exposure limits.  
S--This item is SARA 313 reportable.  
H--This item is defined as a HAP (Hazardous Air Pollutant) by the Clean Air Act.  
P--This item is defined as a TAP (Toxic Air Pollutant) by the Jefferson County (Louisville, KY) Air Pollution Control District.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 192      SPECIFIC GRAVITY (H2O=1): 1.116  
THEORETICAL V.O.C.: 1.659  
WT./GAL.: 9.295 lb/gal      VOLATILE WT%: 57.418

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

ACTUAL FLASHPOINT (AS APPLICABLE): 105      METHOD USED: PENSKY MARTENS  
LOWEST FLASHPOINT: 20      METHOD USED: LOWEST INGREDIENT

EXTINGUISHING MEDIA:  
Use CO2, Dry Chemical, Foam, Alcohol Foam or Water Fog.

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**SPECIAL FIREFIGHTING PROCEDURES**

Clear fire area of unprotected personnel. Containers that are exposed to intense heat should be cooled with water. Avoid spreading burning liquid with the water used for cooling purposes. Do not enter fire area without protective gear. Fight fire from safe distance or a protected location.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Vapors may be heavier than air and may travel along the ground before ignition/flashing back to vapor source. Keep welding or cutting equipment away from product.

\*\*\*\*\* NOTICE: All health and safety statements contained in this MSDS relate to the individual components, not the product as a whole. ALWAYS REFER TO THE MOST SEVERE STATEMENT IN THAT SECTION! \*\*\*\*\*

===== SECTION V - REACTIVITY DATA =====

**STABILITY**

This product is stable.

**CONDITIONS TO AVOID**

Avoid exposure to sparks, open flame, hot surfaces and all sources of heat ignition.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid contact with strong oxidizing agents, strong mineral acids.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Thermal decomposition may form toxic materials; carbon dioxide, carbon monoxide, etc.

**HAZARDOUS POLYMERIZATION**

Hazardous polymerization will not occur.

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Inhalation in high concentrations of vapor may cause mucous membrane irritation and narcosis (sleepiness, drowsiness, etc.) Inhalation will cause irritation of the mucous membranes of the respiratory tract.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Eye contact causes severe damage and even blindness very rapidly, vapors can cause severe irritation, redness, tearing, blurred vision and a sensation of seeing halos around lights. Skin contact can cause slight irritation. Prolonged skin contact can cause dermatitis and burns. Can be absorbed through the skin in toxic amounts, especially from prolonged or repeated exposure.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

No information available or not applicable.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Has apparently been found to cause liver abnormalities, kidney abnormalities, kidney damage, eye damage or lung damage in laboratory animals. NOTICE--Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after applicable limits. Follow respirator manufacturer's directions for respirator

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use.

No information available or not applicable.

**EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Flush with luke warm water for 15 minutes. Seek a physician immediately or call emergency number listed in Section I.

**SKIN CONTACT:** Remove contaminated clothing promptly and rinse effected areawith plenty of water. Launder contaminated clothing before reuse. Contact a physician immediately or call emergency number listed in Section I.

**INHALATION:** Remove exposed individual to fresh air. Restore breathing if required. Contact a physician immediately or call emergency number listed inSection I.

**INGESTION:** Rinse mouth immediately. Give exposed individual 6 to 8 ounces of liquid if individual can swallow. (Never give anything by mouth to an unconscious person.) DO NOT INDUCE VOMITING unless advised by a physician. Contact a physician immediately or call emergency number listed in Section I.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Shut off and eliminate all ignition sources. Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Cover with inert material to reduce fumes. Keep out of drains, sewers or waterways. Contact fire authorities. Notify local health and pollution agencies. Call spill response teams.

**WASTE DISPOSAL METHOD**

Dispose of product in accordance with applicable local, county, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Do NOT smoke in storage areas.

**OTHER PRECAUTIONS**

No information available or not applicable.

===== **SECTION VIII - CONTROL MEASURES** =====

**RESPIRATORY PROTECTION**

In outdoor or open areas use (NIOSH/MSHA approved) mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use (NIOSH/MSHA approved) chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use (NIOSH/MSHA approved) air line type respirators or hoods. Respiratory protection may also be necessary in any later manufacturing operations in which the product may become airborne in the form of vapor or dust.

**VENTILATION**

Use ventilation as required to control vapor/dust concentrations. Avoid prolonged or repeated breathing of vapors/dust. If exposures exceed TLV, use NIOSH approved respirator to prevent overexpsures.

**PROTECTIVE GLOVES**

Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact. (Consult your safety equipment supplier.)

**EYE PROTECTION**

Avoid contact with eyes. Wear goggles if there is a likelihood of contact with eyes. (Consult your safety equipment supplier.) Eyewash stations and safety showers should be readily available in use and handling areas.

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Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

**WORK/HYGIENIC PRACTICES**

MARCUS PAINT COMPANY takes no responsibility for determining what measures are required for personal protection in any specific application. Wash hands thoroughly before eating and using the restroom.

**===== SECTION IX - DISCLAIMER =====**

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