

Touch-Up Paint Mariner Light Gray (Aerosol)

Material Safety Data Sheet 133-3309Q

Attention: . . . . . : Material Safety Data Sheet Coordinator

The attached Material Safety Data Sheet relates potential hazards and recommended practices for safe handling of the product that you purchased from Raabe Company.

We urge you and your employees to review the entire MSDS prior to handling, use or disposal of the product.

You are required to keep this MSDS on file for reference by company employees or government regulatory officials.

If you resell or distribute this product, you must furnish a copy of the MSDS to your customer.

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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CHEMICAL PRODUCT IDENTIFICATION:

MSDS NUMBER . . . . . : 133-3309Q  
Part Number(s) . . . . . : 92-802878Q14, 92-827933 14  
PRODUCT CLASS . . . . . : Quicksilver (Aerosol Touch-Up)

MSDS PREPARATION DATE : 06/29/2010

Issued to: Mercury Marine  
P.O. Box 1337  
Fond du Lac, WI 54936-1337

Contact Information: (920) 929-5000

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300  
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887  
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS  
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1 ETHYLBENZENE  
CAS# 100-41-4  
ETHYLBENZENE  
PCT BY WT: 2.8380 VAPOR PRESSURE: 7.000 MMHG @ 68F LEL .80  
EXPOSURE LIMIT:  
ACGIH TLV-TWA 100 ppm  
ACGIH TLV-STEL 125 ppm  
OSHA PEL-TWA 100 ppm  
OSHA PEL-STEL 125 ppm

OTHER IARC (2B), CALIFORNIA PROP 65 (Cancer 6/11/2004)  
LD50(ORAL) 3500 mg/kg (rat)  
LD50(DERMAL) 20574 mg/kg (rabbit)  
LC50 17623 mg/m3 (rat)

OTHER LIMITS:  
PROP 65-Cancer, listed 6/11/04 EINECS 202-849-4

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2 N-BUTANE  
CAS# 106-97-8  
N-BUTANE  
PCT BY WT: 6.0000 VAPOR PRESSURE: 879.100 MMHG @ 68F LEL 1.80

EXPOSURE LIMIT:  
ACGIH TLV-TWA 800 ppm  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 800 ppm  
COMPANY N.E.  
LD50(ORAL) N.A.  
LD50(DERMAL) N.A.  
LC50 658000 mg/m3 (rat)

OTHER LIMITS:  
EINECS 203-448-7

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3 PROPANE  
CAS# 74-98-6  
PROPANE  
PCT BY WT: 18.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20

EXPOSURE LIMIT:  
ACGIH TLV-TWA 1000 ppm  
ACGIH TLV-STEL NO INFORMATION  
LD50(ORAL) NOT APPLICABLE  
LD50(DERMAL) NOT APPLICABLE  
LC50 NO INFORMATION

OTHER LIMITS:  
EINECS 200-827-9

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4 XYLENE  
CAS# 1330-20-7  
XYLENE  
PCT BY WT: 12.0000 VAPOR PRESSURE: 6.600 MMHG @ 68F LEL 1.00

EXPOSURE LIMIT:  
ACGIH TLV-TWA 100 ppm  
ACGIH TLV-STEL 150 ppm  
OSHA PEL-TWA 100 ppm  
OSHA PEL-STEL 150 ppm  
COMPANY N.E.  
LD50(ORAL) 4300 mg/kg (rat)  
LD50(DERMAL) 1700 mg/kg (rabbit)  
LC50 18892 mg/m3 (rat)

OTHER LIMITS:  
EINECS 215-535-7

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5 ACETONE  
CAS# 67-64-1  
ACETONE  
PCT BY WT: 35.0000 VAPOR PRESSURE: 231.000 MMHG @ 68F LEL 2.60

EXPOSURE LIMIT:  
ACGIH TLV-TWA 750 ppm  
ACGIH TLV-STEL 1000 ppm  
OSHA PEL-TWA 750 ppm  
OSHA PEL-STEL 1000 ppm  
COMPANY N.E.  
LD50(ORAL) 5340 mg/kg (rabbit)  
LD50(DERMAL) 20000 mg/kg (rabbit)

LC50  
OTHER LIMITS:

70852 mg/m3 (rat)

EINECS 200-662-2

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6 GLYCOL ETHER PM ACETATE  
CAS# 108-65-6  
PROPYLENE GLYCOL METHYL ETHER ACETATE  
PCT BY WT: 6.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30  
EXPOSURE LIMIT:  
ACGIH TLV-TWA NOT ESTABLISHED  
ACGIH TLV-STEL NOT ESTABLISHED  
LD50(ORAL) 8500 mg/kg (rat)  
LD50(DERMAL) 5000 mg/kg (rat)  
LC50 5321 mg/m3 (rat)

OTHER LIMITS:

EINECS 203-603-9

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This product contains one or more reported carcinogens or suspected  
carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits  
recommended column.  
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This substance is classified as a hazardous air pollutant.  
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SECTION 3 - HAZARDS IDENTIFICATION  
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EMERGENCY OVERVIEW:

Harmful if swallowed.  
Harmful if inhaled.  
Harmful if absorbed through skin.  
Causes eye irritation.  
Causes skin irritation.  
Vapors irritating to eyes and respiratory tract.  
Extremely flammable liquid and vapor.  
Vapors may cause flash fire or explosion.  
Extremely flammable aerosol.  
Contents under pressure.

EYE:

May cause severe eye irritation.

SKIN:

Contact with skin may cause irritation with discomfort or rash.  
Prolonged or repeated contact can result in defatting and drying of the  
skin which may result in skin irritation and dermatitis (rash).  
Harmful if absorbed through the skin.  
Skin contact may aggravate an existing dermatitis.

INHALATION:

Harmful if inhaled.  
Prolonged inhalation may be harmful.  
Exposure to high concentrations of vapors may cause dizziness, breathing  
difficulty, headaches or respiratory irritation.  
Extremely high concentrations may cause drowsiness, staggering,  
confusion, unconsciousness, coma or death.  
Excessive inhalation of vapors can cause nasal and respiratory  
irritation.  
Liquid or vapor may be irritating to skin, eyes, throat or lungs.  
Intentional misuse by deliberately concentrating and inhaling the  
contents of this product can be harmful or fatal.  
Respiratory symptoms associated with pre-existing lung disorders may be  
aggravated by exposure to material(s) in this product.

INGESTION:



sparks or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store above 120 degrees F. Aerosol containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back. Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred. When fighting a fire involving aluminum paste, do not use a water stream or halogenated extinguishing agents.

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#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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##### CLEAN-UP AND CONTAINMENT:

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire. Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools. Use water spray to disperse vapors. Minimize breathing gases, vapor, fumes or decomposition products. Use self-contained breathing apparatus with full face piece operated in positive pressure mode as needed.

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#### SECTION 7 - HANDLING AND STORAGE

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##### HANDLING:

Wash hands thoroughly after handling. This product contains chemical(s) which are listed on California's Proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as: warning! This product contains a chemical or chemicals known to the State of California to cause cancer.

##### STORAGE:

Store in a cool dry area with ventilation suitable for storing materials shown in section 2. Store this product indoors to protect from freezing. Keep away from heat, sparks and flame. Keep container closed when not in use. Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

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#### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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##### ENGINEERING CONTROLS:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

##### RESPIRATORY PROTECTION:

If workplace exposure limits are exceeded for any component (see section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

##### SKIN PROTECTION:

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

##### EYE PROTECTION:

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

##### OTHER PROTECTIVE EQUIPMENT:

Appropriate impervious clothing is recommended if prolonged or repeated

contact is likely.

**HYGIENIC PRACTICES:**

Wash hands before eating or smoking. Smoke in designated areas only.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**  
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Vapor Pressure . . . . .	:	5585.20	mm Hg @ 20 C
Vapor Density . . . . .	:	3.70	
Boiling Range . . . . .	:	Lower - 1.0	øF
		Higher - 302.0	øF
Specific Gravity . . . . .	:	.759	
Formula weight per Volume . . . . .	:	6.3150	LB/GL
VOC (Calculated, LB/GAL) . . . . .	:	4.460	
VOC (Calculated, GM/L) . . . . .	:	534.44	
Percent Volatile by Weight . . . . .	:	81.9637	
Percent Volatile by Volume . . . . .	:	88.2766	
Evaporation Rate . . . . .	:	7.700	(n-Butyl Acetate = 1)
Viscosity . . . . .	:	-N/A	

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**SECTION 10 - STABILITY AND REACTIVITY**  
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**CONDITIONS TO AVOID:**

Avoid contact with heat, sparks, and open flame.  
Product may explode if heated. Keep cool, avoid exposure to heat.

**INCOMPATIBILITIES:**

Strong oxidizing agents.  
Aluminum flake can react violently with halogenated hydrocarbons including halogenated fire extinguishing agents. Aluminum flake can also react with some acids, caustic solutions.

**DECOMPOSITION:**

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.  
Product may produce toxic fumes when burned.

**POLYMERIZATION:**

No hazardous polymerization will occur under normal conditions.

**STABILITY:**

The product is stable under normal storage conditions.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**  
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No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

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**SECTION 12 - ECOLOGICAL INFORMATION**  
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No specific ecological information is available for this product.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**  
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**WASTE DISPOSAL:**

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

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**SECTION 14 - TRANSPORT INFORMATION**  
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Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II

(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint

in containers of 1 quart or less:  
CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL  
(Regulatory sources: IATA Quantity Exemptions - Table 2.8.4, 2.7.A,  
2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL  
(Regulatory sources: IATA Quantity Exemptions - Table 2.8.1, 2.8.4,  
Packaging Instruction: Y203)

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SECTION 15 - REGULATORY INFORMATION  
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SARA 313 INFORMATION:

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:

ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: 2.8380

XYLENE

CAS# 1330-20-7 PCT BY WT: 12.2320  
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FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as:  
warning! This product contains a chemical or chemicals known to the State of California to cause cancer.

warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW

The following non-hazardous ingredients are among the top five components in this product

-----	CHEMICAL NAME	-----	CAS NUMBER
	ALKYD RESIN SOLIDS		NONE

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3 %

-----	CHEMICAL NAME	-----	CAS NUMBER
	ALKYD RESIN SOLIDS		NONE

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.  
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SECTION 16 - OTHER INFORMATION  
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The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 2\* FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION: G

O Mfr: Raabe Company PO Box 1090 Menomonee Falls, WI 53052-1090