Issued to . . . . . : Mercury Marine MSDS 134-3339Q
P.O. Box 1939
Fond du Lac, WI 54936-1337

Mercury Quicksilver Product

Emergency: (800) 424-9300 CHEMTREC US ONLY

Part number(s): 92-802878Q36, 92-827933 36

Contact Information: (920) 929-5000

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME . . . : Mercury Quicksilver Force Damascus Steel Gray
PRODUCT CLASS . . . : Aerosol Touch-Up

MSDS PREPARATION DATE : 02/10/2009

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

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

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1 ETHYLBENZENE
CAS# 100-41-4
ETHYLBENZENE
PCT BY WT: 2.7930 VAPOR PRESSURE: 19.000 MMHG @ 68F LEL 1.20
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 Carbon Black
CAS# 1333-86-4
Carbon Black
PCT BY WT: .3480
EXPOSURE LIMIT:

ACGIH TLV-TWA	3.5 mg/m3
OSHA PEL-TWA	3.5 mg/m3
OTHER	CALIFORNIA PROP 65-Cancer(listed 2/21/03)
NOTES	IARC(2B)

OTHER LIMITS:
EINECS 215-609-9

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6 ACETONE
CAS# 67-64-1
ACETONE
PCT BY WT: 37.0000 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	70852 mg/m3 (rat)

OTHER LIMITS:
EINECS 200-662-2

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7 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

EMERGENCY OVERVIEW:
May be fatal 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 contact with the skin can cause chemical burns.
Harmful if absorbed through the skin.
Skin contact may aggravate an existing dermatitis.

INHALATION:
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) is this product.

INGESTION:

Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis.
Aspiration of material into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.
May cause nausea, vomiting and diarrhea.

CHRONIC EFFECTS:

Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals:

- Kidney damage
- Eye damage
- Lung damage
- Liver damage
- Spleen damage
- Anemia
- Red blood cell damage

Chronic overexposure to a component or components is this product has been suggested as a cause of the following effects in humans:

- Cardiac abnormalities

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
Rats exposed to titanium dioxide dust at 250 mg/m3 developed lung cancer, however, such exposure levels are not attainable in the workplace with this material.
There is evidence that repeated long-term exposure to vapor concentrations greater than 50 ppm of n-butyl alcohol may result in some hearing loss.
In April 1996, The International Agency for Research on Cancer (IARC) published Monograph 65 which reclassifies Carbon Black into Group 2B (possibly carcinogenic to humans).
In February 2000 the International Agency for Research on Cancer (IARC) classified ethylbenzene as possibly carcinogenic to humans (Group 2B) on the basis of sufficient evidence for carcinogenicity in experimental animals but inadequate evidence for cancer in humans.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Flush with large quantities of water for 15 minutes.

SKIN CONTACT:

Wash with soap and water. Get medical attention if irritation develops or persists.
Wash thoroughly with soap and water and seek medical attention if irritation persists. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

INGESTION:

Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not

must be made by a physician after careful consideration of all materials ingested.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT:

Flashpoint	Less Than -25 øF
Explosion Level	Low (LEL) - 1.0
	High (UEL)- 13.1

EXTINGUISHING MEDIA:

Use Dry Chemical, Carbon Dioxide or Chemical Foam.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Keep containers tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Contents under pressure. Do not use or store near sources of heat, 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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 - HANDLING AND STORAGE

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.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	5585.20	mm Hg @ 20 C
Vapor Density	3.70	
Boiling Range	Lower - 1.0	øF
	Higher - 302.0	øF
Specific Gravity	.757	
Formula Weight per Volume	6.3006	LB/GL
VOC (Calculated, LB/GAL)	4.454	
VOC (Calculated, GM/L)	533.72	
Percent Volatile by Weight	82.5527	
Percent Volatile by Volume	88.5371	
Evaporation Rate	7.700 (n-Butyl Acetate = 1)	
Viscosity	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

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. Alumimum 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.

SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

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)

SECTION 15 - REGULATORY INFORMATION

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: 2.7930

XYLENE
CAS# 1330-20-7 PCT BY WT: 12.0650

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.
Carbon Black requires a Prop 65 warning only if it is in the form of airbourne, unbound, respirable particles.
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.

SECTION 16 - OTHER INFORMATION

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.

Mfr: Raabe COMPANY PO BOX 1090 MENOMONEE FALLS WI 53052-1090

HMIS RATINGS:

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