

Touch UP Paint - Force Damascus Steel Gray (Aerosol)

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

Mercury Precision Product Emergency: (800) 424-9300 CHEMTREC
 US ONLY

Part number(s): 92-802878 36

Contact Information: (920) 929-5000

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME . . . : Mercury Precision 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

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

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

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

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

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

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

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

 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.

 This substance is classified as a hazardous air pollutant.

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) in 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 in 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

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. 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.

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.

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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