

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

SELF ETCH PRIMER GRAY

PRODUCT NAME: SELF ETCH PRIMER GRAY
 PRODUCT CODE: QF-968

HMIS CODES: H F R P
 2* 4 0 X

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY : MATRIX SYSTEM AUTOMOTIVE FINISHES
 ADDRESS : 850 LADD ROAD, BLDG E.
 WALLED LAKE, MI 48390
 EMERGENCY PHONE : (800) 424-9300 DATE PRINTED: 8/10/2011
 INFORMATION PHONE : (800) 735-0303 PREPARER NAME: MSDS COORDINATOR

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 ETHYLBENZENE
 CAS# 100-41-4
 ETHYLBENZENE
 PCT BY WT: .5120 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

2 Methyl Isobutyl Ketone
 CAS# 108-10-1
 4-Methyl-2-pentanone
 PCT BY WT: 4.0000 VAPOR PRESSURE: 16.000 MMHG @ 68F LEL 1.20
 EXPOSURE LIMIT:
 ACGIH TLV-TWA 50 ppm
 ACGIH TLV-STEL 75 ppm
 OSHA PEL-TWA 100 ppm
 OSHA PEL-STEL N/A
 COMPANY N/A
 OTHER LIMITS:
 EINECS 203-550-1

3 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

4 NAPHTHALENE
CAS# 91-20-3
NAPHTHALENE
PCT BY WT: 2.0000 LEL .90
EXPOSURE LIMIT:
ACGIH TLV-TWA 10 ppm
ACGIH TLV-STEL 15 ppm
OSHA PEL-TWA 10 ppm
OTHER CALIFORNIA PROP 65-Cancer(listed 4/19/02)

5 PROPANE
CAS# 74-98-6
PROPANE
PCT BY WT: 17.0000 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

6 TALC
CAS# 14807-96-6
TALC
PCT BY WT: 5.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA 2 MG/M3
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 2 MG/M3
COMPANY N.E.

OTHER LIMITS:

EINECS 238-877-9

7 TITANIUM DIOXIDE
CAS# 13463-67-7
TITANIUM DIOXIDE
PCT BY WT: 3.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA 10 mg/m3
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 10 mg/m3
COMPANY N.E.
LD50(ORAL) > 24000 mg/kg (rat)
LC50 > 6820 mg/m3 (rat)

OTHER LIMITS:

EINECS 236-675-5

8 XYLENE
CAS# 1330-20-7
XYLENE
PCT BY WT: 2.0000 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

9 ACETONE
CAS# 67-64-1
ACETONE
PCT BY WT: 30.0000 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

10 N-BUTYL ALCOHOL
CAS# 71-36-3
N-BUTYL ALCOHOL
PCT BY WT: 2.0000 VAPOR PRESSURE: 4.390 MMHG @ 68F LEL 1.70
EXPOSURE LIMIT:
ACGIH TLV-TWA 50 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 50 ppm
COMPANY N.E.
OTHER LIMITS:

EINECS 200-751-6

11 DIACETONE ALCOHOL
CAS# 123-42-2
DIACETONE ALCOHOL
PCT BY WT: 3.0000 VAPOR PRESSURE: 1.000 MMHG @ 68F LEL 1.80
EXPOSURE LIMIT:
ACGIH TLV-TWA 50 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 50 ppm
COMPANY N.E.

12 METHYL ETHYL KETONE
CAS# 78-93-3
METHYL ETHYL KETONE
PCT BY WT: 9.0000 VAPOR PRESSURE: 85.000 MMHG @ 68F LEL 1.80
EXPOSURE LIMIT:
ACGIH TLV-TWA 200 ppm
ACGIH TLV-STEL 300 ppm
OSHA PEL-TWA 200 ppm
COMPANY N.E.
LD50(ORAL) 2737 mg/kg (rat)
LD50(DERMAL) 6480 mg/kg (rat)
LC50 23500 mg/m3 (rat)
OTHER LIMITS:

EINECS 201-159-0

13 GLYCOL ETHER PM ACETATE
CAS# 108-65-6
PROPYLENE GLYCOL METHYL ETHER ACETATE
PCT BY WT: 8.0000 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

14 ISOBUTYL ALCOHOL
CAS# 78-83-1
ISOBUTYL ALCOHOL
PCT BY WT: 4.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA 50 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 50 ppm
COMPANY N.E.

LEL 1.70

OTHER LIMITS:

EINECS 201-148-0

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:

Harmful if swallowed.
Harmful if inhaled.
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 corneal injury if liquid comes in contact with the eyes.

SKIN:

May cause skin irritation.
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.

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.

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 - 424.0	øF
Specific Gravity	: .778	
Formula weight per Volume	: 6.4799	LB/GL
VOC (Calculated, LB/GAL)	: 5.390	
VOC (Calculated, GM/L)	: 645.88	
Percent Volatile by weight.	: 88.6920	
Percent Volatile by Volume	: 96.0281	
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.

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

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: .5120

4-Methyl-2-pentanone

CAS# 108-10-1 PCT BY WT: 3.6850

NAPHTHALENE

CAS# 91-20-3 PCT BY WT: 1.7210

XYLENE

CAS# 1330-20-7 PCT BY WT: 2.1600

N-BUTYL ALCOHOL

CAS# 71-36-3 PCT BY WT: 2.3020

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

No non-hazardous ingredients are among the top five ingredients

PENNSYLVANIA RIGHT-TO-KNOW

No non-hazardous ingredients are present greater than 3%

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.

HMIS RATINGS:

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

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