

Black Aerosol

The attached Material Safety Data Sheet relates potential hazards and recommended practices for safe handling of the product.

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.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 08670 102888 713
PRODUCT NAME . . . : AMERI-STRIPE BLACK MARKING PAINT
PRODUCT CLASS . . . : Aerosol Coating

MSDS PREPARATION DATE : 06/18/2010

MANUFACTURER IDENTIFICATION:

All American Paint Co
7701 NW Prairie View Rd. Suite 8
Kansas City, MO 64151

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 ALIPHATIC PETROLEUM DISTILLATE

CAS# 64742-89-8

ALIPHATIC PETROLEUM DISTILLATES

PCT BY WT: 6.0000 LEL .90

EXPOSURE LIMIT:

ACGIH TLV-TWA 300 ppm
ACGIH TLV-STEL NO INFO
LD50(ORAL) 5840 mg/kg
LD50(DERMAL) 2920 mg/kg
LC50 10000 mg/m3

OTHER LIMITS:

EINECS 265-192-2

2 LIGHT AROMATIC SOLVENT NAPHTHA

CAS# 64742-95-6

Light Aromatic Solvent Naphtha

PCT BY WT: 7.0000 VAPOR PRESSURE: 4.400 MMHG @ 68F LEL 1.90

OTHER LIMITS:

EINECS 265-199-0

3 CALCIUM CARBONATE

CAS# 1317-65-3

CALCIUM CARBONATE

PCT BY WT: 16.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3
ACGIH TLV-STEL NO INFO

Black Aerosol

OSHA PEL-TWA 10 mg/m3
COMPANY N. E.

4 CARBON BLACK
CAS# 1333-86-4
CARBON BLACK
PCT BY WT: .3930

EXPOSURE LIMIT:
ACGIH TLV-TWA 3.5 mg/M3
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 3.5 mg/m3
OTHER IARC(2B)

OTHER LIMITS:
PROP 65-Cancer, listed 2/21/03 EINECS 215-609-9

5 ETHYL ACETATE
CAS# 141-78-6

ETHYL ACETATE
PCT BY WT: 7.0000 VAPOR PRESSURE: 76.000 MMHG @ 68F LEL 2.20

EXPOSURE LIMIT:
ACGIH TLV-TWA 400 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 400 ppm
COMPANY N. E.
LD50(ORAL) 4935 mg/kg (Rabbit)
LD50(DERMAL) 17962 mg/kg (Rabbit)
LC50 45000 mg/m3 (Mouse)

6 ETHYLBENZENE
CAS# 100-41-4

ETHYLBENZENE
PCT BY WT: .7950 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

7 N-BUTANE
CAS# 106-97-8

N-BUTANE
PCT BY WT: 4.0000 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

8 PROPANE
CAS# 74-98-6

PROPANE
PCT BY WT: 11.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20

Black Aerosol

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

9 SILICA, CRYSTALLINE QUARTZ
CAS# 14808-60-7

SILICA, CRYSTALLINE QUARTZ
PCT BY WT: .1220

EXPOSURE LIMIT:
ACGIH TLV-TWA 0.1 MG/M3 (respirable)
ACGIH TLV-STEL NONE ESTABLISHED
OSHA PEL-TWA 0.1 MG/M3 (respirable)
OSHA PEL-STEL NONE ESTABLISHED
OTHER CALIFORNIA PROP 65-Cancer(listed 10/01/88)
NIOSH NIOSH 0.05 mg/M3 respirable free silica, 10 hours
NOTES NTP & IARC - There is evidence of carcinogenicity

OTHER LIMITS: EINECS 238-455-4

10 PETROLEUM NAPHTHA
CAS# 8032-32-4

PETROLEUM NAPHTHA
PCT BY WT: 4.0000 LEL .90

EXPOSURE LIMIT:
ACGIH TLV-TWA 300 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 300 ppm
COMPANY N. E.

11 WATER
CAS# 7732-18-5

WATER
PCT BY WT: 32.0000

EXPOSURE LIMIT:
ACGIH TLV-TWA ** NOT HAZARDOUS **

OTHER LIMITS: EINECS 231-791-2

12 XYLENE
CAS# 1330-20-7

XYLENE
PCT BY WT: 3.0000 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

This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits

Black Aerosol

recommended column.

This substance is classified as a hazardous air pollutant.

SECTION 3 - HAZARDS IDENTIFICATION

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 contact with the skin can cause chemical burns.
- Harmful if absorbed through the skin.
- Material 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.

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
- Liver damage
- Anemia

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.

Long term exposure to high levels of crystalline silica dust can cause lung damage (silicosis) and cancer.

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 ethyl benzene 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.

Black Aerosol

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.

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	:	4.20	
Boiling Range	:	Lower - 1.0	øF
	:	Higher - 999.0	øF
Specific Gravity	:	.924	
Formula Weight per Volume	:	7.6903	LB/GL
VOC (Calculated, LB/GAL)	:	4.647	
VOC (Calculated, GM/L)	:	556.85	
Percent Volatile by Weight.	:	74.4618	
Percent Volatile by Volume	:	86.7551	
Evaporation Rate	:	6.000	(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 unidentified 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

Black Aerosol

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: .7950

XYLENE

CAS# 1330-20-7 PCT BY WT: 3.2620

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 airborne, unbound, respirable particles.

NEW JERSEY RIGHT-TO-KNOW

No non-hazardous ingredients are among the top five ingredients

PENNSYLVANIA RIGHT-TO-KNOW

Black Aerosol

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

----- CHEMICAL NAME ----- CAS NUMBER

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.

HMS RATINGS:

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

→