

ARMAKLEEN™ Paint and Ink Remover: Part A



MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ARMAKLEEN™ Paint and Ink Remover: Part A

SYNONYM(S): Not available.

PRODUCT PART NUMBERS: Not available

PRODUCT USE: Organic paint and ink remover that is one part of a two part coating removal system. This is designed to remove paints or inks from aluminum and steel. FOR COMMERCIAL USE ONLY.

	24-HOUR EMERGENCY PHONE NUMBERS	
	MEDICAL:	TRANSPORTATION (SPILL):
These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.	1-800-468-1760	1-800-468-1760

MANUFACTURER:
The ArmaKleen Company
469 North Harrison Street
Princeton, NJ 08543
USA
(609) 683-5900

SUPPLIER:
Safety-Kleen Systems, Inc.
5400 Legacy Drive, Cluster II, Building 3
Plano, TX 75024
USA
(800) 669-5740

TECHNICAL INFORMATION: 1-800-332-5424

SAFETY-KLEEN MSDS FORM NUMBER: 82976
THE ARMAKLEEN COMPANY MSDS NUMBER: 819

ISSUE: January 1, 2008

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SUPERSEDES: New

PREPARED BY: ArmaKleen MSDS Coordinator

APPROVED BY: The ArmaKleen Company

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

WT%	NAME	SYNONYM	CAS NO.	OSHA PEL		ACGIH TLV®		AIHA WEEL
				TWA	STEL	TWA	STEL	TWA ^a
60-90	Benzyl Alcohol	N/A	100-51-6	N. Av.	N. Av.	N. Av.	N. Av.	10 ppm
4-20	Dimethyl Adipate	N/A	627-93-0	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
4-20	Dimethyl Glutarate	N/A	1119-40-0	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
4-20	Dimethyl Succinate	N/A	106-65-0	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.

N.Av. = Not Available

^a 8 hr time weighted average established by the American Industrial Hygienists Association Workplace Environmental Exposure Committee

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE

Liquid, clear, colorless, aromatic odor.

WARNING!

HEALTH HAZARDS

EYE AND SKIN IRRITANT. Vapors and mists may cause eye and respiratory tract (nose, throat, lungs) irritation. Inhalation of high concentrations of vapors may cause central nervous system depression. Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS

INHALATION (BREATHING): Vapors and mists may cause eye and respiratory tract irritation. Inhalation of high concentrations of vapors may cause central nervous system depression.

EYES: Is an eye irritant.

SKIN: May cause skin irritation.

INGESTION

(SWALLOWING): Harmful or fatal if swallowed.

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CARCINOGENICITY: None known

CHRONIC: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Remove contact lenses, if present, after the first five minutes and continue rinsing the eye. Call a physician or poison control center immediately.

SKIN: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wash clothing before reuse. If irritation occurs, get medical attention.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration. If respiration stops have a trained person administer artificial respiration. Call a physician or poison control center immediately.

INGESTION: Never give anything to an unconscious person. Call a physician or poison control center immediately. Have person rinse mouth with water. If able to swallow, have the person sip a glass of water. Do not induce vomiting.

NOTE TO PHYSICIAN: No specialized procedures. Treat for clinical symptoms.

For additional medical emergency information call 1-800-468-1760.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 228°F (109°C)

FLAMMABLE LIMITS IN AIR: Not tested.

AUTOIGNITION TEMPERATURE: 609°F (321°C).

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides, and may generate other toxic vapors

CONDITIONS OF FLAMMABILITY: Product will burn under fire conditions.

EXTINGUISHING MEDIA: Recommended: dry chemical, carbon dioxide, water spray, universal foam.
Not Recommended: water jet (burning material will float).

FIRE FIGHTING Keep storage containers cool with water spray.

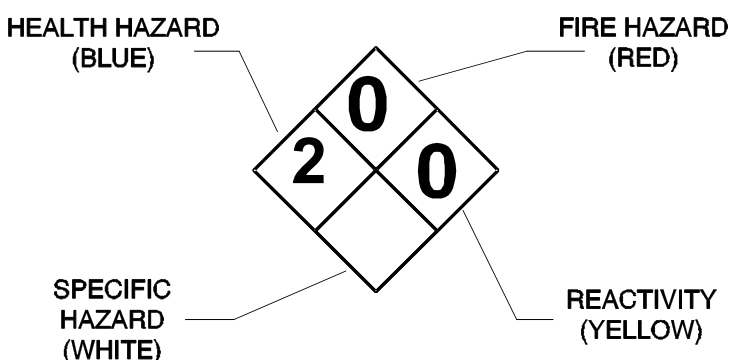
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INSTRUCTIONS: A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

FIRE AND EXPLOSION HAZARDS: Heated containers may rupture. "Empty" containers may retain residue and can be hazardous. Not sensitive to mechanical impact or static discharge.

NFPA 704 HAZARD IDENTIFICATION: This information is intended solely for the use by individuals trained in this system.



SECTION 6: ACCIDENTAL RELEASE MEASURES

May create slippery conditions when spilled. Contain spill and pump into marked containers for disposal. Small spills may be soaked up with compatible adsorbent material and placed in sealable containers for disposal. Make sure area is clean and slip-free before re-opening for traffic.

Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

There may be additional regulatory reporting requirements associated with spills, leaks, or releases of this product.

SECTION 7: HANDLING AND STORAGE

HANDLING: Use clean tools. Use only with adequate ventilation. Avoid generating vapors or mists. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Wash thoroughly with soap and water after use. Immediately remove any contaminated clothing, shoes, and protective equipment. Wash before reuse.

SHIPPING AND Keep container tightly closed when not in use and during transport.

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STORING: Store containers in a cool, dry place. Do not store below 40°F. Empty product containers may retain product residue and can be hazardous.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: A NIOSH approved respirator with an organic vapor cartridges and N95 filters may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits or when symptoms have been observed that are indicative of overexposure.

EYE PROTECTION: Use splash goggles and face shield when eye contact may occur.

SKIN PROTECTION: Use chemical resistant apron, gloves, and other impervious clothing to avoid skin contact.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR: Liquid, clear, colorless, aromatic odor.

ODOR THRESHOLD: Not available.

MOLECULAR WEIGHT: Not applicable.

SPECIFIC GRAVITY: 1.054 (water = 1)

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DENSITY: 8.8 LB/US gal (1022 g/L)
VAPOR DENSITY: Not determined.

VAPOR PRESSURE: <0.1 mm Hg at 68°F (20°C)

VOC VAPOR PRESSURE: <0.1 mm Hg at 68°F (20°C).

BOILING POINT: >250°F (>121°C).

FREEZING/MELTING POINT: <0°F (<-18°C).

pH: 6.6 (as a 5% solution in water)

EVAPORATION RATE: Not determined

SOLUBILITY IN WATER: Not determined.

FLASH POINT: 228°F (109°C)

FLAMMABLE LIMITS IN AIR: Not tested

AUTOIGNITION TEMPERATURE: 609°F (321°C).

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures.

INCOMPATIBILITY: Avoid acids, oxidizing agents, or reducing agents.

REACTIVITY: Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal temperatures and pressures. Combustion may generate carbon oxides and other toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION
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TOXICITY: No data available on formulated product.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

**OCTANOL/WATER
PARTITION COEFFICIENT:** Not available.

**VOLATILE ORGANIC
COMPOUNDS:** 1011 g/l (8.8 pounds /gallon).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding recycling or proper disposal.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated.

TDG: Not regulated.

**EMERGENCY RESPONSE
GUIDE NUMBER:** Not applicable.

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

**SARA SECTIONS
302 AND 304:** No

**SARA SECTIONS
311 AND 312:** This product poses the following health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):
Immediate (Acute) Health Hazard

**SARA SECTION
313:** No

CERCLA: No

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TSCA: All the components of this product are listed on, are automatically included as “naturally occurring substances” on, or are or exempted from the requirement to be listed on, the TSCA Inventory.

**CALIFORNIA
PROP. 65:** No

STATE RIGHT TO KNOW:
Benzyl alcohol-MA, PA

CANADA WHMIS: Not Classified
All the components of this product are listed on, or are automatically included as “substances occurring in nature on”, or exempted from the requirements to be listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION: New

LABEL/OTHER INFORMATION: Not available.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, The ArmaKleen Company assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product as supplied to the user.

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