

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 5/19/2005
W M Barr

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SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME ADDRESS
W.M. BARR & COMPANY, INC. 2105 Channel Avenue
Memphis, TN 38113 USA

EMERGENCY TELEPHONE #1 EMERGENCY CONTACT
901-775-0100 W.M. Barr Technical Services

EMERGENCY INFORMATION
"3E" 24 HOUR MEDICAL EMERGENCY #, 800 451-8346.
SEE SECTION 5 FOR ADDITIONAL EMERGENCY INFORMATION

INVENTORY ITEM #
EAD908

PRODUCT NAME
KS DECAL ADH RMVR 14.5 OZ AERO

REVISED BY REVISION DATE
W.M. Barr Technical Services 7/30/2002

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	PERCENT	CAS#	CARCINOGENICITY			
			NTP	ACGIH	OSHA	IARC
METHYL ETHYL KETONE	55- 60	78-93-3	N	N	N	N
AROMATIC PETROLEUM DISTILLATE	15- 20	64742-95-6	N	N	N	N
** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **						
CUMENE	1- 5	98-82-8	N	N	N	N
TRIMETHYLBENZENE	30- 40	25551-13-7	N	N	N	N
XYLENE	5- 10	1330-20-7	N	N	N	N
HIGH FLASH NAPHTHA	50- 55	64742-95-6	N	N	N	N
METHANOL	15- 20	67-56-1	N	N	N	N
PROPELLANT	10- 15	68476-85-7	N	N	N	N
** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **						
PROPANE	70- 75	74-98-6	N	N	N	N
BUTANE	15- 20	106-97-8	N	N	N	N
ISOBUTANE	10- 15	N/A	N	N	N	N

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG. AGCY U/M		TWA	STEL	CEIL	SKIN	PEL
	ACGIH	OSHA					
METHYL ETHYL KETONE	ACGIH	PPM	200.00	300.00	N/E	N	N/E
	OSHA	PPM	200.00	300.00	N/E	N	200.00
AROMATIC PETROLEUM DISTILLATE	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	100.00
OSHA PEL AS PROVIDED BY SUPPLIER.							
CUMENE	ACGIH	PPM	50.00	N/E	N/E	Y	N/E
	OSHA	PPM	50.00	N/E	N/E	Y	50.00
TRIMETHYLBENZENE	ACGIH	PPM	25.00	N/E	N/E	N	N/E
	OSHA	PPM	25.00	N/E	N/E	N	N/E

MAY CONTAIN 50% PSEUDOCUMENE, CAS# 95-63-6 AND
22.5% 1,3,5-TRIMETHYLENEBENZENE, CAS# 108-67-8.

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SECTION 3. REGULATORY INFORMATION
(CONTINUED)

	ACGIH	PPM	100.00	150.00	N/E	N	N/E
XYLENE	OSHA	PPM	100.00	150.00	N/E	N	100.00
HIGH FLASH NAPHTHA	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E
THE SUPPLIER RECOMMENDS AN EXPOSURE GUIDELINE OF 50 PPM, TLV.							
METHANOL	ACGIH	PPM	200.00	250.00	N/E	Y	N/E
	OSHA	PPM	200.00	250.00	N/E	Y	200.00
PROPELLANT	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E
PROPANE	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	1000.00	N/E	N/E	N	1000.00
BUTANE	ACGIH	PPM	800.00	N/E	N/E	N	N/E
	OSHA	PPM	800.00	N/E	N/E	N	N/E
ISOBUTANE	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

Ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION	PERCENT BY WEIGHT (UPPER LIMIT)	CAS#
METHYL ETHYL KETONE	60	78-93-3
CUMENE	1	98-82-8
XYLENE	2	1330-20-7
METHANOL	20	67-56-1

CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

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SECTION 4. HAZARDS IDENTIFICATION
-----**INHALATION ACUTE EXPOSURE EFFECTS**

Vapor harmful. May cause dizziness; headache; irritation of the respiratory tract; watering of eyes; weakness; drowsiness; nausea; numbness in fingers, arms and legs; depression of the central nervous system; spotted vision; fatigue; dilation of pupils; visual disturbances; giddiness and intoxication; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; eye irritation; vomiting; convulsions; unconsciousness; and death. The propellant used in this product is a simple asphyxiant.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

This product is a skin irritant. Product may be absorbed through skin. May cause irritation; drying of skin; defatting and dermatitis; and numbness in fingers and arms. May increase severity of symptoms listed under inhalation.

EYE CONTACT ACUTE EXPOSURE EFFECTS

This material is an eye irritant. May cause severe irritation; conjunctivitis of eyes; corneal ulcerations of the eyes; redness; tearing; blurred vision; burns; and may result in permanent damage if not promptly removed. Vapors may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS

POISON. May be harmful, fatal or cause blindness if swallowed. May cause dizziness; headache; nausea; stupor; irritation to mouth, throat and stomach; vomiting; gastrointestinal irritation; diarrhea; depression of the central nervous system; narcosis; blindness; liver damage; kidney damage; heart damage; and death. May produce additional symptoms listed under inhalation. Product aspirated into lungs can cause chemical pneumonitis, bronchial pneumonia or pulmonary edema, which may be fatal.

CHRONIC EXPOSURE EFFECTS

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged skin contact may result in absorption of a harmful amount of this material. May cause weakness; skin irritation, defatting and dermatitis; headaches; giddiness; insomnia; fatigue; numbness in hands and feet; permanent central nervous system changes; visual impairment or blindness; pancreatic damage; conjunctivitis; gastric disturbances; and death. May cause additional symptoms listed under inhalation.

MEDICAL CONDITIONS AGGRAVATED

Diseases of the skin; eyes; liver; kidneys; and respiratory system.

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

SECTION 5. FIRST AID MEASURES
-----**INHALATION**

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT

Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT

Immediately flush with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

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SECTION 5. FIRST AID MEASURES
(CONTINUED)**INGESTION**

Call your poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

NOTE TO PHYSICIAN

POISON. THIS PRODUCT CONTAINS METHANOL. Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. This formula is registered with POISINDEX. Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMIS	NFPA
HEALTH	2	1
FLAMMABILITY	4	4
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD

Flame extension

FLASH POINT

N/E F N/E C Not applicable

LOWER EXPLOSION LIMIT

1.8

GENERAL COMMENTS

Aerosol Flammability Classification according to ASTM D-3065-77 and FHSA 1500.45.

CPSC FLAMMABILITY: Extremely Flammable Aerosol

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS

DANGER! EXTREMELY FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION. VAPORS MAY CAUSE FLASH FIRE OR IGNITE EXPLOSIVELY. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources. Contents under pressure. Do not puncture, incinerate or store above 120 degrees F. Exposure to heat or prolonged exposure to sun may cause bursting.

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SECTION 7. ACCIDENTAL RELEASE MEASURES
-----**CLEAN-UP**

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. **SMALL SPILLS:** take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. **LARGE SPILLS:** dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE
-----**STORAGE**

Store as Level 3 Aerosol (NFPA 30B)
Replace overcap on container and store upright after each use.
Store in a cool, dry place.
Do not store near flames or at elevated temperatures.

HANDLING

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION
-----**TRANSPORTATION**

For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION
-----**VENTILATION PROTECTION**

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

RESPIRATORY PROTECTION

For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

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SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION
(CONTINUED)
-----**OTHER PROTECTION**

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES
-----**VOLATILE %**

99.43
by weight

BOILING POINT

GT 148.00 F 64.44 C BOILING RANGE: 148 F - 482 F

VAPOR DENSITY (Air = 1.0)

Heavier than air

EVAPORATION RATE

Slower than ether

BULK DENSITY

6.788
lbs/gal at 75 F

pH FACTOR

N/E

PHOTOCHEMICALLY REACTIVE

NO

MAX V.O.C.

99.43% by weight

MAX VAPOR PRESSURE

Not Applicable

SECTION 12. STABILITY AND REACTIVITY
-----**INCOMPATIBILITIES**

Incompatible with strong oxidizing agents; strong caustics; hydrogen peroxide; nitric acid; amines; alkanol amines; aldehydes; and ammonia.

DECOMPOSITION

Thermal decomposition may produce carbon monoxide; carbon dioxide; various hydrocarbons; formaldehyde; and unidentified organic compounds in black smoke.

POLYMERIZATION

Will not occur.

STABILITY

Stable.

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SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:

PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

END OF MSDS