

PRODUCT: AAP-CLS CLEAR - 1K GLOSS 340 g / 12 oz

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER / SUPPLIER Vogel Automotive Coatings
 1020 Albany Place SE
 Orange City, IA 51041
 Phone: 712-737-4993 Fax: 712-737-4997
 CHEMTREC : (800) 424-9300

PRODUCT NAME..... AAP-CLS CLEAR - 1K GLOSS aerosol 340 g / 12 oz
 CHEMICAL FAMILY..... ACRYLIC BASED COATING.
 MOLECULAR WEIGHT..... NOT APPLICABLE.
 CHEMICAL FORMULA..... MIXTURE.
 TRADE NAMES & SYNONYMS..... NOT APPLICABLE.
 RECOMMENDED PRODUCT USES..... COATING.
 CAS #..... NOT APPLICABLE..

SECTION 02: HAZARDS IDENTIFICATION



HAZARD CLASSIFICATION..... Danger.
 SIGNAL WORD..... Danger.
 HAZARD STATEMENTS H223 FLAMMABLE AEROSOL. H229 PRESSURIZED CONTAINER: MAY BURST IF HEATED. H301+H331 TOXIC IF SWALLOWED OR INHALED. H315+H320 CAUSES SKIN AND EYE IRRITATION.
 PRECAUTIONARY STATEMENTS..... P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND. P102 KEEP OUT OF REACH OF CHILDREN. P103 READ LABEL BEFORE USE.
 OTHER HAZARDS..... No additional information available.

SECTION 03: COMPOSITION/INFORMATION INGREDIENTS

| HAZARDOUS INGREDIENTS | CAS # | WT. % |
|---------------------------------------|----------|-------|
| PROPYLENE GLYCOL METHYL ETHER ACETATE | 108-65-6 | 1-5 |
| ACETONE | 67-64-1 | 15-40 |
| n-BUTYL ACETATE | 123-86-4 | 7-15 |
| DIACETONE ALCOHOL | 123-42-2 | 1-5 |
| ISOBUTANE | 75-28-5 | 5-10 |
| METHYL ETHYL KETONE | 78-93-3 | 5-10 |
| PROPANE | 74-98-6 | 10-30 |
| TOLUENE | 108-88-3 | 5-10 |

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

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SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... EXTREMELY FLAMMABLE.
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA
 SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
 HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION
 CLASSIFIED AS:..... >45cm BUT <100cm.
 FLASHBACK..... NONE.

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

SECTION 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
 HANDLING PROCEDURES AND EQUIPMENT STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
 SYNERGISTIC MATERIALS..... NONE KNOWN.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

| INGREDIENTS | TWA | ACGIH TLV STEL | PEL | OSHA PEL STEL | REL | NIOSH |
|-----------------------|----------|----------------|-----|---------------|-----|--|
| PROPYLENE GLYCOL | N/E | | | | | |
| METHYL ETHER ACETATE | | | | | | |
| ACETONE | 750 ppm | | | | | |
| n-BUTYL ACETATE | 150ppm | | | | | |
| DIACETONE ALCOHOL | 50 ppm | | | | | |
| ISOBUTANE | 1000 ppm | | | | | |
| METHYL ETHYL KETONE | 200 ppm | | | | | |
| PROPANE | 1000 ppm | | | | | |
| TOLUENE | 50 ppm | | | | | |
| GLOVES/ TYPE..... | | | | | | WEAR CHEMICAL RESISTANT GLOVES. |
| RESPIRATORY/TYPE..... | | | | | | IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED. |
| EYE/TYPE..... | | | | | | SAFETY GLASSES. |
| FOOTWEAR/TYPE..... | | | | | | NOT NORMALLY REQUIRED. |
| OTHER/TYPE..... | | | | | | NOT REQUIRED. |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 APPEARANCE..... CLEAR LIQUID.
 ODOR..... KETONE.
 ODOR THRESHOLD..... NOT AVAILABLE.
 pH..... NOT APPLICABLE.
 FREEZING POINT: (°C)..... NOT AVAILABLE.
 BOILING POINT (°C)(CONC)..... 57-168.
 FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS ACETONE @ -18C.
 EVAPORATION RATE..... GREATER THAN 1.
 n-BUTYL ACETATE = 1

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| | |
|-------------------------------------|-----------------|
| UPPER FLAMMABLE LIMIT..... | 15.1. |
| (% BY VOLUME) | |
| LOWER FLAMMABLE LIMIT..... | 1.0. |
| (% BY VOLUME) | |
| VAPOUR PRESSURE(PSIG)-AEROSOL..... | 45-55. |
| @ 20 C | |
| VAPOUR DENSITY (AIR=1)..... | GREATER THAN 1. |
| (BY WEIGHT) | |
| SPECIFIC GRAVITY (AEROSOL)..... | 0.73-0.77. |
| SPECIFIC GRAVITY (LIQUID)..... | 0.87-0.91. |
| SOLUBILITY IN WATER g/L (20°C)..... | NOT AVAILABLE. |
| COEFFICIENT OF WATER/OIL DIST..... | NOT AVAILABLE. |
| AUTO IGNITION TEMPERATURE (°C)..... | 272-480. |
| AEROSOL PERCENT VOLATILE..... | 87-90. |
| (BY WEIGHT). | |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|--|
| HAZARDOUS PRODUCTS OF DECOMPOSITION..... | HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE. |
| CHEMICAL STABILITY: | |
| YES..... | UNDER NORMAL CONDITIONS. |
| NO, WHICH CONDITIONS?..... | NOT APPLICABLE. |
| COMPATIBILITY WITH OTHER SUBSTANCES: | |
| NO, WHICH ONES?..... | STRONG OXIDIZING AGENTS. |
| REACTIVITY CONDITIONS?..... | NOT APPLICABLE. |
| HAZARDOUS POLYMERIZATION..... | WILL NOT OCCUR. |

SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
|---------------------------------------|--|----------------------------|
| PROPYLENE GLYCOL METHYL ETHER ACETATE | >4345 ppm (6 hr) INHAL - RAT | 8500 mg/kg ORAL - RAT |
| ACETONE | >16,000 ppm (4 hr) INHAL - RAT | >9750 mg/kg ORAL - RAT |
| n-BUTYL ACETATE | 2000 ppm (4 hr) INHAL - RAT | 13100 mg/kg ORAL - RAT |
| DIACETONE ALCOHOL | NOT ESTABLISHED | 4000 mg/kg ORAL - RAT |
| ISOBUTANE | 142,500 ppm (4h) INHAL - RAT | NOT APPLICABLE |
| METHYL ETHYL KETONE | 8000 ppm (8 hr) INHAL - RAT | 3400 mg/kg ORAL - RAT |
| PROPANE | NOT AVAILABLE | >5000 mg/kg DERMAL-RABBITS |
| TOLUENE | 8000 ppm (4 hr) INHAL - RAT | 5000 mg/kg ORAL - RAT |
| ROUTE OF ENTRY: | | |
| INHALATION..... | INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT. | |
| INGESTION..... | MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS. | |
| EYE CONTACT..... | MAY CAUSE IRRITATION. | |
| SKIN CONTACT..... | MAY CAUSE IRRITATION. | |
| SKIN ABSORPTION..... | NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE. | |
| EFFECTS OF ACUTE EXPOSURE..... | DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES. | |
| EFFECTS OF CHRONIC EXPOSURE..... | SOLVENTS MAY CAUSE DEFATTING DERMATITIS | |
| IRRITANCY OF MATERIAL..... | SKIN/EYE IRRITANT. | |
| CARCINOGENICITY OF MATERIAL..... | THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS). | |
| MUTAGENICITY..... | NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED. | |
| TERATOGENICITY..... | NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED. | |
| REPRODUCTIVE EFFECTS..... | TOLUENE - PROLONGED AND REPEATED EXPOSURE OF PREGNANT ANIMALS TO TOLUENE (LEVELS GREATER THAN APPROXIMATELY 1500 ppm) HAS BEEN REPORTED TO CAUSE ADVERSE FETAL DEVELOPMENTAL EFFECTS. | |
| SENSITIZING CAPABILITY OF MATERIAL. | UNKNOWN. | |

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SECTION 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1) .
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

SECTION 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,B5,D2A,D2B.
CNFC SECTION 3.3.5..... LEVEL 2.
CEPA (Canadian Environmental Protection ...
Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC
SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
NFPA CODE 30B..... LEVEL 2.
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:
. CAS #: CHEMICAL NAME:
. *108-88-3 TOLUENE

CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
. WARNING: THIS PRODUCT CONTAINS A CHEMICAL
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER
REPRODUCTIVE HARM. . CAS #: CHEMICAL
NAME:
. *108-88-3 TOLUENE .

TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY
IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
V.O.C.(M.I.R.)..... COMPLIES WITH CARB MIR =1.50 FOR CLEAR COATING.

SECTION 16: OTHER INFORMATION

NOTICE FROM Diamond Vogel Paint THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY
Diamond Vogel Paint FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS
INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. Diamond Vogel
Paint ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES
INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY
DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN
AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL
OR IN ANY PROCESS.
PREPARED BY..... Regulatory Affairs
PREPARATION DATE June 9, 2015