

**PRODUCT: AAP-P31 PRIMER - 3 IN 1 - GRAY 454 g / 16 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-P31 PRIMER - 3 IN 1 - GRAY aerosol 454 g / 16 oz  
 CHEMICAL FAMILY..... MIXTURE.  
 MOLECULAR WEIGHT..... NOT APPLICABLE.  
 CHEMICAL FORMULA..... MIXTURE.  
 TRADE NAMES & SYNONYMS..... NOT APPLICABLE.  
 RECOMMENDED PRODUCT USES..... SPRAY PAINT.  
 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 CAUSES SKIN IRRITATION. H320 CAUSES 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. %
1,2,4-TRIMETHYLBENZENE	95-63-6	0.1-1.0
ACETONE	67-64-1	15-40
n-BUTYL ACETATE	123-86-4	1-5
CARBON BLACK	1333-86-4	0.1-1.0
ISOBUTANE	75-28-5	5-10
METHYL ISOBUTYL KETONE	108-10-1	3-7
PHOSPHORIC ACID	7664-38-2	0.1-1.0
PROPANE	74-98-6	10-30
SILICA QUARTZ	14808-60-7	0.1-1.0
TITANIUM DIOXIDE	13463-67-7	3-7
TOLUENE	108-88-3	10-30

**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:..... >15cm 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
1,2,4-TRIMETHYLBENZE NE	25 ppm					
ACETONE	750 ppm					
n-BUTYL ACETATE	150ppm					
CARBON BLACK	3.5 mg/m3					
ISOBUTANE	1000 ppm					
METHYL ISOBUTYL KETONE	50 ppm					
PROPANE	1000 ppm					
SILICA QUARTZ	0.1 mg/m3					
TITANIUM DIOXIDE	N/A					
TOLUENE	50 ppm					
GLOVES/ TYPE.....	NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED.					
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..... BLACK LIQUID.  
 ODOR..... KETONE.  
 ODOR THRESHOLD..... NOT AVAILABLE.  
 pH..... NOT APPLICABLE.  
 FREEZING POINT: (°C)..... NOT AVAILABLE.  
 BOILING POINT (°C)(CONC)..... 57-118.

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FLASH POINT (C), TAG CLOSED CUP.....	LOWEST KNOWN VALUE IS ACETONE @ -18C.
EVAPORATION RATE.....	GREATER THAN 1.
n-BUTYL ACETATE = 1	
UPPER FLAMMABLE LIMIT.....	12.8.
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT.....	0.9.
(% BY VOLUME)	
VAPOUR PRESSURE(PSIG)-AEROSOL.....	55-65.
@ 20 C	
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
(BY WEIGHT)	
SPECIFIC GRAVITY (AEROSOL).....	0.70-0.85.
SPECIFIC GRAVITY (LIQUID).....	0.95-0.99.
SOLUBILITY IN WATER g/L (20°C).....	NOT AVAILABLE.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.
AUTO IGNITION TEMPERATURE (°C).....	465-480.
AEROSOL PERCENT VOLATILE.....	73-74.
(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
1,2,4-TRIMETHYLBENZENE	1,800mg/m <sup>3</sup> (4hr) INHAL - RAT	5,000mg/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
CARBON BLACK	NOT AVAILABLE	>10000 mg/kg ORAL - RAT
ISOBUTANE	142,500 ppm (4h) INHAL - RAT	NOT APPLICABLE
METHYL ISOBUTYL KETONE	2000 ppm (4 hr) INHAL - RAT	2080 mg/kg ORAL - RAT
PHOSPHORIC ACID	NOT AVAILABLE	1530 mg/kg ORAL - RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
SILICA QUARTZ	NOT AVAILABLE	NOT AVAILABLE
TITANIUM DIOXIDE	NOT AVAILABLE	NOT AVAILABLE
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.....	CONTAINS TRACE AMOUNT OF CARBON BLACK CLASSIFIED AS POSSIBLE CARCINOGEN FOR HUMAN BEINGS (2B) BY IARC AS RESPIRABLE DUST. CARBON BLACK BEING WET IN THE PRODUCT, THE RISK OF INHALING CAN ARISE ONLY DURING SANDING OR SPRAYING. CRYSTALLINE SILICA HAS BEEN REVIEWED BY IARC. IARC FOUND SUFFICIENT EVIDENCE IN HUMANS FOR THE CARCINOGENICITY OF INHALED CRYSTALLINE SILICA IN THE FORM OF QUARTZ OR CRISTOBALITE FROM OCCUPATIONAL SOURCES.	



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**SECTION 16: OTHER INFORMATION**

PREPARATION DATE ..... June 9, 2015