



**Chemical Name:** Pinnacle 460 Polyurethane

**Manufacturer:** Diamond Vogel

**Container size:** 1 gallon

**Location:** VLA

**Disposal:** Place empty container in trash.

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

## I. IDENTIFICATION

MANUFACTURED BY: Diamond Vogel Paint  
1020 Albany Place SE  
Orange City, IA 51041

REVISED: 09/25/2009  
PRINTED: 10/02/2009

24 Hour Emergency Telephone  
CHEMTREC 1-800-424-9300

General Information:  
Mon-Fri 8 AM - 5 PM  
712-737-4993

TRADE NAME: 3.5 ICS Poly White Base W/B L/F (Pt A)

MFG. PRODUCT NUMBER: IG-1231

## II. HAZARDOUS INGREDIENTS

CAS #110-43-0	Methyl Amyl Ketone	WT %:	5-20	Footnote: (1)
ACGIH TLV:	50 PPM TWA	ACGIH STEL:		
OSHA PEL:	100 ppm TWA	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	2.14 mm	LEL%:	1.1	
CAS #123-86-4	Butyl Acetate	WT %:	5-20	Footnote: (1)
ACGIH TLV:	150 ppm TWA	ACGIH STEL:	200 ppm	
OSHA PEL:	150 ppm TWA	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	7.8mm Hg20C	LEL%:	1.7	
CAS #123-54-6	2,4 Pentane Dione	WT %:	1-5	Footnote: (1)
ACGIH TLV:	N.E.	ACGIH STEL:		
OSHA PEL:		OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	7mmHg20C	LEL%:	2.4	

## WARNING MESSAGES:

- (1) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
- (2) See Section IX for reportable Hazardous Air Pollutants.

## III. PHYSICAL DATA

BOILING RANGE: 244-308° F

EVAPORATION RATE: \* slower than ether \*

PERCENT VOLATILE BY VOLUME: 40.29%

WEIGHT PER GALLON: 11.41 LBS

VAPOR DENSITY: \* heavier than air \*

ACTUAL VOC (lb/gal): 3.02

EPA VOC (lb/gal): 3.02

EPA VOC (g/L): 361.92

## IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 34° C 93° F

LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS 1C

HAZARD CLASSIFICATION: \*Flammable Liquid

EXTINGUISHING MEDIA: \*carbon dioxide, dry chemical, or fire foam\*

UNUSUAL FIRE AND EXPLOSION HAZARDS: With excessive heat, cans will rupture from internal pressure and discharge flammable contents. Vapors may ignite explosively. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build up of vapors by opening all windows and doors to achieve cross-ventilation.

SPECIAL FIREFIGHTING PROCEDURES: Burning will produce toxic fumes. Wear self-contained breathing apparatus and full turn-out gear to fight fires. USE WATER WITH CAUTION. Material will float and may ignite on surface of water. Use water spray to keep fire exposed containers cool. Water may be ineffective in fighting the fire.

## V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE: Irritant. May be harmful by inhalation, ingestion, or skin absorption. Causes eye irritation. May cause skin irritation. Exposure can cause nausea, headache and vomiting. May be neurotoxic, genotoxic with possible potential to produce heritable mutations, and developmentally toxic. Has been reported to cause contact dermatitis and contact urticaria in humans.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: consult physician

PRIMARY ROUTE(S) OF ENTRY: Skin and Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Talk to a physician for medical treatment.

SKIN: Wipe off with towel. Wash with soap and water. Remove contaminated clothing.

INGESTION: Wash mouth out with water and consult a physician. Never give anything by mouth to an unconscious person.

## VI. REACTIVITY DATA

STABILITY: \*stable\*

HAZARDOUS POLYMERIZATION: \*will not occur\*

INCOMPATIBILITY: oxidizing agents, halogens, strong reducing agents and strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire, burning and welding may generate carbon monoxide.

CONDITIONS TO AVOID: Fire, burning, and welding.

### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. Use non-sparking tools. Remove with inert absorbant.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

### VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In confined areas of poor ventilation, use chemical cartridge respirator or self-contained breathing apparatus.

VENTILATION: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV and LEL of most hazardous ingredient in Section II, below acceptable limit.

PROTECTIVE GLOVES: None required except for prolonged contact.

EYE PROTECTION:

Splash proof eye goggles. In emergency situations, use eye goggles with a full face shield.

OTHER PROTECTIVE EQUIPMENT: \*none\*

HYGIENIC PRACTICES: See Section V

### IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store near heat, sparks, or flame.

OTHER PRECAUTIONS: \* none \*

This product contains no reportable Hazardous Air Pollutants.

---