

Product Description: **Material Safety Data Sheet**  
 WHITE PERFECTION  
 AH927W

APF

**Section 1: Manufacturer Identification****Manufactured By:**

Custom-Pak Products Inc.  
 N118 W18981 Bunsen Drive  
 Germantown, WI 53022

**Formula # 31L097N12**

Chemtrec 24-hour Emergency Phone: (800) 424-9300  
 Chemtrec Foreign Emergency Phone: (703) 527-3887  
 Product Information Phone Number: (262) 251-6180

**Date MSDS Printed & Reviewed: 08/27/14****Last Formula Revision Date: 08/12/13**

MANUFACTURED FOR: (C3192)  
 AMY HOWARD HOME  
 MEMPHIS, TN 38118

**Section 2: Composition/Information on Ingredients**

#	COMPONENT	CAS#	% by WT.	SARA 313	LISTED CARCINOGEN BY:		
				LISTED	NTP	IARC	OSHA
1	ACETONE	67-64-1	30-36	N	N	N	N
2	ETHYL ACETATE	141-78-6	15-21	N	N	N	N
3	PROPANE	74-98-6	15-21	N	N	N	N
4	*TITANIUM DIOXIDE	13463-67-7	5-8	N	N	Y	N
5	N-BUTANE	106-97-8	5-8	N	N	N	N
6	N-BUTYL ACETATE	123-86-4	5-8	N	N	N	N
7	ISOBUTYL ACETATE	110-19-0	3-5	N	N	N	N
8	ETHYL ESTER	763-69-9	1-3	N	N	N	N
9	CELLULOSE NITRATE	9004-70-0	1-3	N	N	N	N
10	ISOPROPYL ALCOHOL	67-63-0	1-3	N	N	N	N
11	PM ACETATE	108-65-6	1-3	N	N	N	N

\*See Section 15 and Section 11

**Section 3: Hazards Identification****Emergency Overview:** DANGER! Extremely Flammable. Contents Under Pressure.**Appearance/Odor:** Spray Mist / Solvent Odor**Potential Health Effects:** See Section 11 for more information.**Likely Routes of Exposure:** Eye contact, skin contact, ingestion, and inhalation**Eye:** Contact may cause redness, irritation, tearing, and blurred vision**Skin:** Contact may dry skin causing cracks and irritation**Ingestion:** May be harmful if swallowed**Inhalation:** Exposure to high concentrations of vapors may cause drowsiness, breathing difficulty, respiratory irritation, or headaches. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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**Medical Conditions Aggravated by Exposure:**

Asthma and other respiratory ailments.

**Target Organs:** Kidney Liver Lung Brain

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Section 4: First Aid Measures**

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. If irritation develops get medical attention.

**Skin Contact:** Remove contaminated clothing and wash before reuse. Wash skin with soap and water. Get medical attention if irritation develops.

**Inhalation:** Move to fresh air. Contact emergency medical support if breathing stops or is irregular.

**Ingestion:** Do NOT induce vomiting. Get medical attention immediately.

**Section 5: Fire Fighting Measures**

**Suitable Extinguishing Media:** CO<sub>2</sub> (Carbon Dioxide), dry chemical, or water fog.

**Unsuitable Extinguishing Media:** Water spray may be unsuitable. However, if water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>).

**Protection of Firefighters:** Full protective equipment including self-contained breathing apparatus should be used.

**Section 6: Accidental Release Measures**

**Personal Precautions:** Use personal protection recommended in Section 8.

**Environmental Precautions:** None known.

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**Methods of Containment:** Absorb spilled liquid in suitable material.

**Methods of Clean-up:** Use spark-proof tools to sweep or scrape up and containerize.

**Other Information:** Ventilate the area.

### Section 7: Handling and Storage

#### Handling:

Vapors may ignite explosively. Prevent buildup of vapors; use with adequate ventilation. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate (burn) container.

#### Storage:

Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to heat or store at temperatures above 120 F (48 C). Storage conditions should comply with NFPA 30B and OSHA 1910.106. If storing in cold temperatures, allow product to warm to room temperature before use.

### Section 8: Exposure Controls/Personal Protection

#### Exposure Guidelines

#	COMPONENT	ACGIH TLV-STEL	ACGIH TLV-TWA	OSHA PEL-TWA
1	ACETONE	750 ppm	500 ppm	1000 ppm
2	ETHYL ACETATE	N/E	400 ppm	400 ppm
3	PROPANE	1800 ppm	2500 ppm	1000 ppm
4	*TITANIUM DIOXIDE	N/E	10 mg/m3 ppm	15 mg/m3 ppm
5	N-BUTANE	N/E	800 ppm	800 ppm
6	N-BUTYL ACETATE	200 ppm	150 ppm	150 ppm
7	ISOBUTYL ACETATE	N/E	150 ppm	150 ppm
8	ETHYL ESTER	100 ppm	50 ppm	N/E
9	CELLULOSE NITRATE	N/A		N/A
10	ISOPROPYL ALCOHOL	400 ppm	200 ppm	400 ppm
11	PM ACETATE	N/E		N/E

\*See Section 15 and Section 11

**Engineering Controls:** Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.

**Eye/face Protection:** Wear safety glasses with side shields. Have eye wash facilities immediately available.

**Skin Protection:** Chemical resistant gloves if contact is likely.

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**Respiratory Protection:** Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled within applicable limits with ventilation.

**General Hygiene Considerations:** Wash thoroughly after handling.

## Section 9: Physical and Chemical Properties

Color: see product description  
Odor: Solvent Odor  
Physical State: Aerosol - Pressurized Liquid  
Freezing Point: Not Established (mixture)  
Boiling Range: N.A. (Pressurized Mixture)  
Flash Point: <-18C (-0.4F) c.c.  
Evaporation Rate: Faster than ether  
Upper Flammability Limit: Not Established (mixture)  
Lower Flammability Limit: Not Established (mixture)  
Vapor Pressure: Approximately 50 psig @ 10 C (70 F)  
Specific Gravity: 0.813 @15 C (60 F)  
Solubility (water): Negligible  
VOC Percent by weight (less exempt solvents): 51.95  
HAPS Percent by weight: 0  
MIR Data: NFP (MAX 1.40) MIR - 0.582

## Section 10: Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Keep away from heat, sparks, and flames.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** by fire - Carbon Dioxide and Carbon Monoxide

**Possibility of Hazardous Reactions:** Will not occur.

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## Section 11: Toxicological Information

#	COMPONENT	LD50 Oral	LD50 Dermal
1	ACETONE	1000 mg/kg	2400 mg/kg
2	ETHYL ACETATE	5620 mg/kg	20 ml/kg mg/kg
3	PROPANE	1000 mg/kg	1800 mg/kg
4	*TITANIUM DIOXIDE	N/E mg/kg	N/E mg/kg
5	N-BUTANE	N/E	N/E
6	N-BUTYL ACETATE	10768 mg/kg	17601 mg/kg
7	ISOBUTYL ACETATE	13400 mg/kg	17400 mg/kg
8	ETHYL ESTER	5000 mg/kg	4080 mg/kg
9	CELLULOSE NITRATE	5000 mg/kg	5000 mg/kg
10	ISOPROPYL ALCOHOL	4700 mg/kg	13000 mg/kg
11	PM ACETATE	8535 mg/kg	5000 mg/kg

\*See Section 15

See Section 3 for other acute effect information.

**Chronic Effects:** Prolonged over-exposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems. Reports have associated the repeated and prolonged occupational OVER-EXPOSURE to solvents with brain and nervous system damage. The deliberate misuse by concentrating and inhaling the vapors may be harmful or fatal.

**Carcinogenicity:** See Section 2 for additional information.

\* This component has been classified as a (Group 2B) possible human carcinogen based on tests on laboratory animals by one or more of the federal agencies listed in Section 2 under "LISTED CARCINOGEN BY" columns. There is inadequate evidence for cancer in exposed humans.

## Section 12: Ecological Information

No data available.

## Section 13: Disposal Considerations

Do not puncture, incinerate or place container in trash compactor. Dispose of product in accordance with Federal, State, and Local regulations. Empty containers are 95% steel; recycle where allowed.

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**Section 14: Transportation Information****GROUND (D.O.T./49 CFR):**

I.D. Number: UN1950  
 Proper Shipping Name: AEROSOLS ("FLAMMABLE" is optional to add after AEROSOLS)  
 Hazard Class: 2.1  
 Packing Group: - (not applicable)  
 Hazard Label: Limited Quantity (LTD QTY) label -- see 49 CFR 172.315  
 Shipping Papers format: UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**AIR (IATA)**

I.D. Number: UN1950  
 Proper Shipping Name: AEROSOLS, FLAMMABLE  
 Hazard Class: 2.1  
 Packing Group: - (not applicable)  
 Hazard Labels: LTD QTY label with "Y" in it, and Flammable Gas label  
 Packing Instruction: Y203  
 Shipping Papers format: UN1950, AEROSOLS, FLAMMABLE, 2.1

**WATER (IMDG)**

I.D. Number: UN1950  
 Proper Shipping Name: AEROSOLS  
 Hazard Class: 2.1  
 Hazard Label: LTD QTY label (see IMDG 3.4.5.1)  
 Packing Instruction: P003, LP02  
 EmS: F-D, S-U  
 Stowage and Segregation: Category A  
 Shipping Papers format: UN1950, AEROSOLS, 2.1, (-18 C c.c.), LTD QTY  
 No component of this product is a listed Marine Pollutant (49 CFR 172,101,Appendix B).

**Section 15: Regulatory Information****International Chemical Inventory**

All components of this product are listed on or exempt from the following inventories:  
 TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

Section 313 Toxic Chemicals; See Section 2. Chemicals marked with a "Y" are subject to the SARA reporting requirements under 40 cfr 372.45(c)(5).

**Section 16: Other Information**

Hazard Scale: 0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

HMIS (American Coatings Association's Hazardous Material Identification System):  
 Health = 2      Flammability = 4      Physical Hazard = 1      Personal Protection (PPE) = X  
 NFPA 704 (National Fire Protection Association's Hazard Identification ratings system):  
 Health = 2      Flammability = 4      Instability = 1      Special Hazard = N/A

This MSDS is based on information believed to be reliable and accurate. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State and Local laws and regulations.