

ITW Permatex  
 10 Columbus Blvd.  
 Hartford, CT 06106 USA  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924 (ChemTel)  
 International Emergency: +01-813-248-0585

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 117EA UNDERCOATING 16OZ AE  
**Item No:** 80072  
**Product Type:** Aerosol coating

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
WATER 7732-18-5	>30	Not listed	Not listed
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	10-30	Not listed	Not listed
HEPTANE 142-82-5	<15	400 ppm	500 ppm; 2000 mg/m <sup>3</sup>
ASPHALT (PETROLEUM) 8052-42-4	<15	0.5 mg/m <sup>3</sup>	Not listed
CALCIUM CARBONATE 471-34-1	<10	10 mg/m <sup>3</sup>	Not listed
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	<5	Not listed	Not listed
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. 64742-88-7	<5	Not listed	Not listed
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	<5	Not listed	Not listed
METHANOL 67-56-1	<5	200 ppm	200 ppm; 260 mg/m <sup>3</sup>
MINERAL SPIRITS 8052-41-3	<5	100 ppm	500 ppm; 2900 mg/m <sup>3</sup>

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. Excessive inhalation causes headache, dizziness, nausea, and incoordination. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. Methanol may cause blindness or death if swallowed. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Overexposure may cause eye and skin redness.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
ASPHALT (PETROLEUM) 8052-42-4	<15		A4 - Not classifiable as a human carcinogen	Group 2B Supplement 7, 1987; Monograph 35, 1985
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. 64742-88-7	<5	male rat-some evidence, female rat-no evidence, male mice-no evidence, female mice-equivocal evidence		

**Aggravated Medical Condition:** Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

#### 4. FIRST AID MEASURES

<b>Ingestion:</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
<b>Skin Contact:</b>	Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

<b>Flash Point °F(C°):</b>	Extremely flammable aerosol per flame projection test
<b>Recommended Extinguishing Media:</b>	Carbon Dioxide, Dry Chemicals, Foam.
<b>Special Fire-Fighting Procedures:</b>	Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
<b>Hazardous Products of Combustion:</b>	Oxides of carbon, Oxides of sulfur
<b>Unusual Fire/Explosion Hazards:</b>	Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers.
<b>Lower Explosive Limit:</b>	Not determined
<b>Upper Explosive Limit:</b>	Not determined

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Spill Procedures:</b>	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
--------------------------	--

#### 7. HANDLING AND STORAGE

<b>Storage:</b>	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C). Exposure to high temperatures may cause container to burst.
<b>Handling:</b>	Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Do not use near heat, sparks or open flame. Do not puncture or incinerate container. Vapors may accumulate readily and may ignite explosively. Use in a well ventilated area to prevent irritation by vapors. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Avoid contact with skin and eyes. Wash hands before eating and smoking.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
<b>Respiratory Protection:</b>	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black liquid
<b>Odor:</b>	Solvent
<b>Boiling Point:</b>	>100°F
<b>pH:</b>	Does not apply
<b>Solubility in Water:</b>	Nil
<b>Specific Gravity:</b>	0.85-1.05
<b>VOC(Wt.%):</b>	38.06%
<b>Vapor Pressure:</b>	Not Determined
<b>Vapor Density (Air=1):</b>	>1
<b>Evaporation Rate:</b>	<1 (butyl acetate = 1)

#### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable at normal conditions
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibilities:</b>	Strong oxidizers, Strong bases, Acids
<b>Conditions to Avoid:</b>	Keep away from heat, sparks and open flame.
<b>Hazardous Products of Combustion:</b>	Oxides of carbon, Oxides of sulfur

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

**US EPA Waste Number:** D001 as per 40CFR 261.21

## 14. TRANSPORTATION INFORMATION

### DOT (49CFR 172)

#### U.S. Department of Transportation - DOT - 49 CFR (Ground)

**DOT Shipping Name:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.1  
**UN/ID Number:** UN 1950

### IATA (Air)

**Proper Shipping Name:** Consumer Commodity (Not more than 1 liter)  
**Class or Division:** Class 9  
**UN/ID Number:** ID 8000

### IMDG (Vessel)

**Proper Shipping Name:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.1  
**UN Number:** UN 1950

**Marine Pollutant:** None

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

METHANOL

**California Proposition 65:** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 4, REACTIVITY 0.  
**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0  
(NFPA is a registered trademark of the National Fire Protection Association)  
HMIS is a registered trademark of the National Paint and Coatings Association

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106  
**Telephone No.:** 1-87-Permatex (877) 376-2839

**Revision Date:** April 17, 2012  
**Revision Number:** 5