# MATERIAL SAFETY DATA SHEET

**E67BR1704**
**01 00**

**DATE OF PREPARATION**
Nov 29, 2015

## SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER**
E67BR1704
**PRODUCT NAME**
POLANE® P Conductive Primer, Black
**MANUFACTURER'S NAME**
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

**Telephone Numbers and Websites**

| | |
|---|---|
| **Product Information** | www.oem.sherwin-williams.com |
| **Regulatory Information** | (216) 566-2902 |
| **Medical Emergency** | (216) 566-2917 |
| **Transportation Emergency*** | (800) 424-9300 |
| **for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)* | |

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

| % by Weight | CAS Number | Ingredient | Units | Vapor Pressure |
|---|---|---|---|---|
| **1** | **64742-95-6** | **Light Aromatic Hydrocarbons** | | |
| | | ACGIH TLV | Not Available | 3.8 mm |
| | | OSHA PEL | Not Available | |
| **2** | **95-63-6** | **1,2,4-Trimethylbenzene** | | |
| | | ACGIH TLV | 25 PPM | 2.03 mm |
| | | OSHA PEL | 25 PPM | |
| **16** | **67-64-1** | **Acetone** | | |
| | | ACGIH TLV | 500 PPM | 180 mm |
| | | ACGIH TLV | 750 PPM STEL | |
| | | OSHA PEL | 1000 PPM | |
| **15** | **108-94-1** | **Cyclohexanone** | | |
| | | ACGIH TLV | 25 ppm (Skin) | 2 mm |
| | | OSHA PEL | 25 ppm (Skin) | |
| **11** | **540-88-5** | **t-Butyl Acetate** | | |
| | | ACGIH TLV | 200 PPM | 34 mm |
| | | OSHA PEL | 200 PPM | |
| **6** | **14807-96-6** | **Talc** | | |
| | | ACGIH TLV | 2 mg/m3 as Resp. Dust | |
| | | OSHA PEL | 2 mg/m3 as Resp. Dust | |
| **26** | **7727-43-7** | **Barium Sulfate** | | |
| | | ACGIH TLV | 10 mg/m3 as Dust | |
| | | OSHA PEL | 10 mg/m3 Total Dust | |
| | | OSHA PEL | 5 mg/m3 Respirable Fraction | |
| **5** | **1333-86-4** | **Carbon Black** | | |
| | | ACGIH TLV | 3.5 MG/M3 | |
| | | OSHA PEL | 3.5 MG/M3 | |

## SECTION 3 — HAZARDS IDENTIFICATION

**ROUTES OF EXPOSURE**
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.
**EFFECTS OF OVEREXPOSURE**
**EYES:** Irritation.
**SKIN:** Prolonged or repeated exposure may cause irritation.
**INHALATION:** Irritation of the upper respiratory system.

**HMIS Codes**

| | |
|---|---|
| **Health** | 2* |
| **Flammability** | 3 |
| **Reactivity** | 0 |

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.
Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

- the liver
- the urinary system
- the reproductive system

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

May cause allergic respiratory and/or skin reaction in susceptible persons or sensitization. This effect may be delayed several hours after exposure.
Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.

**CANCER INFORMATION**

For complete discussion of toxicology data refer to Section 11.

## SECTION 4 — FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.
**SKIN:** Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.
**INHALATION:** If any breathing problems occur during use, **LEAVE THE AREA** and get fresh air. If problems remain or occur later, **IMMEDIATELY** get medical attention.
**INGESTION:** Do not induce vomiting. Get medical attention immediately.

## SECTION 5 — FIRE FIGHTING MEASURES

| FLASH POINT | LEL | UEL | FLAMMABILITY CLASSIFICATION |
|---|---|---|---|
| 13 °F PMCC | 0.7 | 12.8 | RED LABEL -- Extremely Flammable, Flash below 21 °F (-6 °C) |

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode when exposed to extreme heat.
Application to hot surfaces requires special precautions.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**

Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

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

Remove all sources of ignition. Ventilate the area.
Remove with inert absorbent.

## SECTION 7 — HANDLING AND STORAGE

**STORAGE CATEGORY**

DOL Storage Class IB

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.
During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

## SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

**PRECAUTIONS TO BE TAKEN IN USE**

**NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.**
Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

**VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2 may be effective. Follow respirator manufacturers directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. **NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.**

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**

Wear safety spectacles with unperforated sideshields.

**OTHER PROTECTIVE EQUIPMENT**

Use barrier cream on exposed skin.

**OTHER PRECAUTIONS**

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| **PRODUCT WEIGHT** | 10.46 lb/gal | 1253 g/l |
| **SPECIFIC GRAVITY** | 1.26 | |
| **BOILING POINT** | 132 - 360 °F | 55 - 182 °C |
| **MELTING POINT** | Not Available | |
| **VOLATILE VOLUME** | 66% | |
| **EVAPORATION RATE** | Slower than ether | |
| **VAPOR DENSITY** | Heavier than air | |
| **SOLUBILITY IN WATER** | Not Available | |

**VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)**

| | | |
|---|---|---|
| 3.36 lb/gal | 402 g/l | Less Water and Federally Exempt Solvents |
| 2.01 lb/gal | 242 g/l | Emitted VOC |

## SECTION 10 — STABILITY AND REACTIVITY

**STABILITY — Stable**

**CONDITIONS TO AVOID**

None known.

**INCOMPATIBILITY**

None known.

**HAZARDOUS DECOMPOSITION PRODUCTS**

By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION**

Will not occur

## SECTION 11 — TOXICOLOGICAL INFORMATION

**CHRONIC HEALTH HAZARDS**

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

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

**TOXICOLOGY DATA**

| CAS No. | Ingredient Name | | | |
|---|---|---|---|---|
| **64742-95-6** | **Light Aromatic Hydrocarbons** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| **95-63-6** | **1,2,4-Trimethylbenzene** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| **67-64-1** | **Acetone** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | 5800 mg/kg |
| **108-94-1** | **Cyclohexanone** | | | |
| | | LC50 RAT | 4HR | 8000 ppm |
| | | LD50 RAT | | 1535 mg/kg |
| **540-88-5** | **t-Butyl Acetate** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| **14807-96-6** | **Talc** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| **7727-43-7** | **Barium Sulfate** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| **1333-86-4** | **Carbon Black** | | | |
| | | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |

## SECTION 12 — ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION**

No data available.

## SECTION 13 — DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**US Ground (DOT)**

5 Liters (1.3 Gallons) and Less may be Classed as LTD. QTY. (PAINT OR RELATED).
Larger Containers are Regulated as:
UN1263, PAINT, 3, PG II, (ERG#128)

**DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities**

Acetone 5000 lb RQ
Cyclohexanone 5000 lb RQ

**Bulk Containers may be Shipped as (check reportable quantities):**

UN1263, PAINT, 3, PG II, (ERG#128)

**Canada (TDG)**

UN1263, PAINT, 3, PG II, LIMITED QUANTITY, (ERG#128)

**IMO**

5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, 3, PG II, (-11 C c.c.), EmS F-E, S-E

**IMO**

5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, 3, PG II, (-11 C c.c.), EmS F-E, S-E

**IATA/ICAO**

UN1263, PAINT, 3, PG II

## SECTION 15 — REGULATORY INFORMATION

**SARA 313 *(40 CFR 372.65C)* SUPPLIER NOTIFICATION**

| CAS No. | CHEMICAL/COMPOUND | % by WT | % Element |
|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 2 | |

**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 CERTIFICATION**

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

## SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.**