

Permatex, Inc.  
 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:** QUICK GRID TM REPAIR KIT .05FO CG  
**Item No:** 15067  
**Product Type:** Coating

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
SILVER 7440-22-4	40-50	0.1 mg/m <sup>3</sup>	0.01 mg/m <sup>3</sup>
ETHYL ACETATE 141-78-6	20-30	400 ppm	400 ppm; 1400 mg/m <sup>3</sup>
ETHANOL 64-17-5	10-20	1000 ppm	1000 ppm; 1900 mg/m <sup>3</sup>
1-METHOXY-2-PROPANOL ACETATE 108-65-6	10-20	Not listed	Not listed
POLY (METHYL METHACRYLATE) 9011-14-7	1-10	Not listed	Not listed
PIGMENT ORANGE #13 3520-72-7	<3	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** This material is irritating to skin, eyes and mucous membranes. High concentrations may cause central nervous system (CNS) depression. May be fatal if inhaled, absorbed through skin, or swallowed.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation, Absorption through skin.  
**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness, difficulty breathing and vomiting. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ETHANOL 64-17-5	10-20		A4 - Not Classifiable as a Human Carcinogen	
POLY (METHYL METHACRYLATE) 9011-14-7	1-10			Group 3 Vol. 19, pg 187; 1979

**Medical Conditions Recognized as Being Aggravated by Exposure:** Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

### 4. FIRST AID MEASURES

**Ingestion:** 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.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.  
**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.  
**Eye Contact:** 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

**Flash Point °F(C°):** 14°F CC  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.  
**Hazardous Products of Combustion:** Oxides of carbon  
**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat.

## 5. FIRE FIGHTING MEASURES

**Lower Explosive Limit:** Ethyl acetate: 2.2; Ethanol: 3.3  
**Upper Explosive Limit:** Ethyl acetate: 11.0; Ethanol: 24.5

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** 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

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).  
**Handling:** Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** 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.  
**Respiratory Protection:** An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Copper colored  
**Odor:** Alcohol  
**Boiling Point:** Not determined.  
**pH:** Does not apply  
**Solubility in Water:** Partially  
**Specific Gravity:** 1.48  
**VOC(Wt.%):** 50% by weight  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** >1  
**Evaporation Rate:** Not Determined

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** Will not occur  
**Incompatibilities:** Strong oxidizers, Strong alkalis, Peroxides, Acids  
**Conditions to Avoid:** Keep away from heat, sparks and open flame.  
**Hazardous Products of Combustion:** Oxides of carbon

## 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..  
**US EPA Waste Number:** D001 as per 40CFR 261.21, May be a TCLP waste per 40CFR 261.24/Silver

## 14. TRANSPORTATION INFORMATION

**DOT (49CFR 172)**

**Ground Transport (DOT)**

**DOT Shipping Name:** Consumer Commodity (not more than one liter)  
**Hazard Class:** ORM-D  
**UN/ID Number:** None

**IATA**

**Product Name:** QUICK GRID TM REPAIR KIT .05FO  
CG

**Item No:** 15067

#### 14. TRANSPORTATION INFORMATION

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

#### IMDG

**Proper Shipping:** Flammable liquids, n.o.s., (Ethyl acetate, ethyl alcohol), Limited Quantity  
**Hazard Class:** Class 3, PG II  
**UN Number:** UN 1993  
**Marine Pollutant:** None

#### 15. REGULATORY INFORMATION

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

SILVER

**California Proposition 65:** WARNING: This product contains a chemical known to the State of California to cause 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 3, REACTIVITY 0.  
**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0  
NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA 06106

**Revision Date:** November 10, 2010  
**Revision Number:** 5

**Telephone No.:** 1-87-Permatex (877) 376-2839