

9138: Surface Prep Activator 4.5 Oz
MSDS Last updated: 04/22/2004

Permatex, Inc.
 10 Columbus Blvd.
 Hartford, CT 06106 USA
 Telephone: 1-87-Permatex
 (877) 376-2839
 Emergency: 800-255-3924
 International Emergency: 813-348-0585

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: SURFACE PREP 4.5OZ AE
 Item No: 24163
 Product Type: Activator

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Percent | ACGIH 8 Hr. TWA; | OSHA 8 Hr. TWA: |
|--|---------|------------------------------------|----------------------------------|
| - | | | |
| Heptane 142-82-5 | 60-70 | 400 ppm TWA: 1640 mg/m3 TWA | 500 ppm TWA: 2000 mg/m3 TWA |
| Petroleum Gases Liquefied, Sweetened 68476-86-8 | 25-35 | 1000 ppm TWA | Not Listed |
| Ethanol 64-17-5 | <5 | 1000 ppm: STEL 1000 ppm | 1000 ppm TWA: 1900 mg/m3 TWA |
| Organo-Copper Compound 22221-10-9 | <1 | Cu 0.2 mg/m3 fume; 1 mg/m3 dust | Cu 1 mg/m3 fume: 1 mg/m3 dust |
| Organo-Copper Compound 68084-48-0 | <1 | 1 ppm: as Cu dusts or mist | Not Listed |
| Organo-Copper Compound 85737-14-0 | <1 | 1 ppm: as Cu dust or mist | Not Listed |

3. HAZARDS IDENTIFICATION

Toxicity; May cause eye, skin and respiratory irritation. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. Excessive inhalation causes headache, dizziness, nausea, and incoordination.

Primary Routes of Entry; Eye and skin contact, ingestion, inhalation.

Signs and Symptoms Of Exposure; Contact with eyes may cause tearing and redness. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. May cause skin irritation.

| Ingredients | Percent | NTP: | ACGIH Carcinogens | IARC: |
|---|---------|------|---|-------------------------------------|
| Ethanol (drinking 64-17-5 Vol. 44, | <5 | | A4 - Not Classifiable as a Human Carcinogen | Group 1 alcohol): pg 35, 1988 |

Medical Conditions Recognized as being Aggravated by Exposure: May aggravate preexisting dermatitis. Since this product contain copper compounds, individuals with Wilson's Disease should avoid exposure to this product.

4. FIRST AID MEASURES

Ingestion; If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation; If inhaled, remove to fresh air. If not breathing give artificial respiration, preferable mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Contact; Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

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): Flash point not determined. Extremely flammable aerosol per flame extension test.

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures; Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers.

Hazardous products Formed by Fire or Oxides of carbon.

Thermal Decomposition:
Unusual Fire/Explosion

Hazards: Vapors may travel from container toward sources of ignition and flashback. Contents under pressure. Closed containers may rupture or explode when exposed to extreme heat. Keep containers cool. Do not puncture or incinerate container.

Lower Explosive Limit: Not determined.

Upper Explosive Limit; Not determined.

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 120 degrees F.

Handling: Avoid contact with skin and eyes. Do not inhale vapors.
Do not use near heat, sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes; Safety glasses or goggles.

Skin; Rubber or plastic gloves

Ventilation; General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.

Respiratory Protection; An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance; Green liquid
Odor; SWEET, ETHEREL
Boiling Point (°F): Not determined
pH; Does not apply
Solubility in Water: Soluble
Specific Gravity; 0.66
VOC Content (Wt.%): <98% by weight
Vapor Pressure; 40-80 psig @ 70 degrees F.
Vapor Density (Air=1): Heavier than air
Evaporation Rate: <1 (ethyl ether = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization; WILL NOT OCCUR
Incompatibilities; Strong oxidizers
Conditions to Avoid; High temperatures.
Hazardous Products
Formed by Fire or Oxides of carbon.

Thermal Decomposition:

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)

Domestic Ground Transport

DOT Shipping Name: Consumer Commodity (not more than one liter)

Hazard Class: ORM-D

UN/ID Number; None

Marine Pollutant: None

IATA

Proper shipping Name: Consumer commodity (Not more than 500 ml)

Class or Division: Class 9

UN/NA Number; ID 8000

IMDG

Proper Shipping: Aerosols, Limited Quantity

Hazard Class: Class 2.1

UN Number; UN 1950

15. REGULATORY INFORMATION

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

SARA 313 Information

COPPER COMPOUND

CALIFORNIA PROP 65;

No California Prop 65 chemicals are known to be present.

TSCA Inventory Status;

Listed on Inventory: YES all components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: Health 1, Flammability 4, Reactivity 0
Estimated HMIS Classification: Health 1, Flammability 4, 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, Health and Safety Manager Revision Date:
12/16/2003

Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA
Revision 0

06106 Number:
Telephone Number; 1-87-Permatex (877) 376-2839

The information contained in this MSDS was obtained from current and reliable sources, however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of Imperial Supplies LLC, Imperial will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.

For more product information by email, [click here](#)
**Imperial Supplies LLC does not provide services
and products outside the United States**
