

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

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: HIGH TEMP METAL REPAIR COMPOUND 20 GR
Item No: 26346
Product Type: Putty

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
POTASSIUM SILICATE SOLUTION 1312-76-1	40-60	Not Listed	Not Listed
STAINLESS STEEL 65997-19-5	40-60	2.0 mg/m ³ dust	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. If ingested, will irritate esophagus and stomach. Free dust caused by machining is irritating when inhaled.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.
Signs and Symptoms of Exposure: Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. Overexposure may cause eye and skin redness.

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting pulmonary and dermatological disorders

4. FIRST AID MEASURES

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking fingers down throat; never give anything to an unconscious person. Get medical attention. Seek immediate medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors.
Skin Contact: Wipe off paste with paper towel or cloth. 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): Does not apply
Recommended Extinguishing Media: Use media suitable for surrounding fire.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors. Hydrogen
Unusual Fire/Explosion Hazards: None
Lower Explosive Limit: Not determined
Upper Explosive Limit: Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Reclaim clean material. Contaminated material should be swept or shoveled into appropriate waste container for proper disposal.

7. HANDLING AND STORAGE

Storage: Store at temperatures between 45 and 95 degrees F. Do not allow freezing.
Handling: Avoid prolonged skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Rubber or plastic gloves
Ventilation: Provide adequate ventilation

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gray putty
Odor: SLIGHT
Boiling Point (°F): 210 degrees F.
pH: Does not apply
Solubility in Water: 30-50%
Specific Gravity: 1.54
VOC Content(Wt.%): None
Vapor Pressure: Not Determined
Vapor Density (Air=1): 0.6
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Metals such as aluminum, tin, lead and zinc in an alkaline environment.
Conditions to Avoid: None anticipated
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors. Hydrogen

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Dispose of product in accordance with federal state and local regulations.
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Unrestricted
Hazard Class: NONE
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: None
UN/NA Number: None

IMDG

Proper Shipping: Unrestricted
Hazard Class: None
UN Number: None

15. REGULATORY INFORMATION

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

SARA 313 Information
NONE

CALIFORNIA PROP 65:
No California Prop 65 chemicals are known to be present.

TSCA Inventory Status:

Product name: HIGH TEMP METAL REPAIR
COMPOUND 20 GR

Item 26346

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 0, REACTIVITY 1

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 0, 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
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA
06106

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