



SAFETY DATA SHEET

WORKING COPY

Hardener

Date Prepared : 05/18/2015

SDS No : 99.0100H

Reparex Stainless Steel Putty

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Reparex Stainless Steel Putty
PRODUCT CODE: Reparex Stainless Steel Putty - Hardener

MANUFACTURER

Reparex, Inc.
 5058 Center Drive
 Latrobe, PA 15650
Customer Service: 724-537-0444

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC
 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1B
 Acute Toxicity (Oral), Category 4
 Reproductive Toxicity, Category 2

Environmental:

Aquatic Acute, Category 1
 Aquatic Chronic, Category 1

GHS LABEL



Exclamation
mark



Environment



Corrosion



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P102: Keep out of reach of children.
 P103: Read label before use.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P262: Do not get in eyes, on skin, or on clothing.

COMMENTS: Exact percentages of ingredients are proprietary and are withheld as a trade secret

4. FIRST AID MEASURES

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists. Get medical advice/attention.

SKIN: Take off contaminated clothing. Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove to fresh air. Oxygen or artificial respiration if needed. Call a physician if you feel unwell.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness, burning sensation, tearing (watering) of the eyes.

SKIN: Substance may cause slight skin irritation.

INGESTION: Burning, irritation, upset stomach, intestinal distress.

INHALATION: No adverse effects anticipated. Irritation may be caused if product is above room temperature.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

FIRE FIGHTING EQUIPMENT: Carbon Dioxide, dry chemical or foam

FIRE EXPLOSION: None Expected.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb spilled material and place in appropriate container for disposal.

LARGE SPILL: Use same methods described for small spills.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep out of sewers, streams and waterways.

SPECIAL PROTECTIVE EQUIPMENT: Refer to Section 8, Exposure Control/Personal Protection.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

HANDLING: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust or fume. Contaminated work clothing should not be allowed out of the workplace.

STORAGE: Keep container tightly closed and in a well-ventilated place. Keep container dry.

STORAGE TEMPERATURE: 15°C (60°F) Minimum to 30°C (85°F) Maximum

SHELF LIFE: 1 Year

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

STABILITY: Stable

CONDITIONS TO AVOID: Extreme heat.

POSSIBILITY OF HAZARDOUS REACTIONS: Not reactive under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: When product burns it may form toxic materials such as carbon dioxide, carbon monoxide, various hydrocarbons, etc.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Acids. Bases. Amines.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
4-nonylphenol, Branched	1300 mg/kg (Rat)	3160 mg/kg (Rabbit)
2-piperazin-1-ylethylamine	2097 mg/kg (Rat-Male)	866 mg/kg (Rabbit male)
Polydimethylsiloxane, Silica Adduct	> 5000 mg/kg (Rat)	
fatty acids, c18-unsatd., dimers, reaction products with polyethylenepolyamines	> 5000 mg/kg body weight	
Phenol	270 mg/kg (Mouse)	630 mg/kg (Rabbit)
3,6-diazaoctanethylenediamine	2500 mg/kg (Rat)	805 mg/kg (Rabbit)

EYE EFFECTS: Causes serious eye irritation.

SKIN EFFECTS: Causes skin irritation. May cause an allergic skin reaction.

CHRONIC: Prolonged or repeated contact may cause asthma, skin sensitization and other allergic responses.

CARCINOGENICITY

Chemical Name	IARC Status
Chromium	3
Phenol	3

Notes: The materials in this product do not separate from the mixture or in of themselves become airborne, therefore do not present a hazard in normal use.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Determined

BIOACCUMULATION/ACCUMULATION: Not Determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of this product in accordance with all applicable local, state and federal regulations.

PRODUCT DISPOSAL: Combine resin and curative. The final cured material is considered nonhazardous. Landfill sealed containers with stabilized and solidified liquids in an approved area. May be incinerated at an appropriate facility. Unreacted components are a special waste. Check local, state and national/federal regulations and comply with the most stringent requirement.

EMPTY CONTAINER: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION



Corrosive

Marine
Pollutant**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Immediate & Delayed

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Chromium	10 - 15	7440-47-3

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Chromium	10 - 15	5,000
Phenol	0.1 - 1	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Iron	7439-89-6
4-nonylphenol, Branched	84852-15-3
Chromium	7440-47-3
Ceramic Microspheres	66402-68-4
2-piperazin-1-ylethylamine	140-31-8
Nonylphenol	25154-52-3
formaldehyde, polymer with n1,n2-bis(2-aminoethyl)-1,2-ethanediamine and phenol	32610-77-8
Polydimethylsiloxane, Silica Adduct	67762-90-7
fatty acids, c18-unsatd., dimers, reaction products with polyethylenepolyamines	68410-23-1
Soluble Compounds, As Mo	7439-98-7
Phenol	108-95-2
3,6-diazaoctanethylenediamine	112-24-3
Manganese Compounds	7439-96-5

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Corrosive



Toxic

16. OTHER INFORMATION

PREPARED BY: Shani Vagnoni-Hull Date Prepared: 05/18/2015