

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION



Great Lakes Orthodontics  
200 Cooper Ave  
Tonawanda, NY 14150

716-871-1161  
800-828-7626  
CHEMTREC: 800-424-9300

**Product Name:** Rubber Sep - Red  
**Product Number:** 175-103

Effective Date: 9/11/13

## SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

### **Primary Routes of Entry**

- Inhalation
- Skin Contact
- Ingestion

### **Medical Conditions Aggravated by Exposure**

- Headache, dizziness, rash, or other allergic reactions may occur from latex allergy.

Human Effects and Symptoms of Overexposure:

Natural rubber latex is alkaline and can cause burns and allergic reactions.

### **Skin**

Do not get on skin or clothing.

### **Eyes**

Do not get into eyes.

### **Inhalation**

Avoid breathing vapors. May cause dizziness or headache.

### **Carcinogenicity**

No carcinogenic substances as defined by IARC, NTP and / or OSHA.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>
Ammonia (ammonium hydroxide)	7664-41-7	25ppm	25 ppm	< 0.35
<u>Non-Hazardous Components</u>				
Latex Solids	9006-04-6			
Water	7732-18-5			

## **SECTION 4. FIRST AID MEASURES**

Wash affected areas immediately with soap and water. Avoid prolonged contact with skin. If clothing or fabric is contaminated, while still in liquid phase, wash or rinse with luke warm water and then repeat with soapy water to remove latex liquid. Once liquid has set, peel it off of the surface if possible. If liquid has spilled, wearing gloves, remove liquid with paper towels. If set up on hard or solid surface, it will be easy to peel off.

### **Eye Contact**

Flush eyes with copious amounts of water, obtain medical attention immediately.

### **Skin Contact**

Wash with soap and water. If cured on skin, peel off slowly as hairs may be attached to latex film. If rash or redness or allergic reaction occurs, obtain medical attention.

### **Inhalation**

Remove from area to fresh air supply and obtain medical attention.

### **Ingestion**

Contact physician immediately for treatment instructions.

## **SECTION 5. FIRE FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Water spray, Dry chemical, Carbon Dioxide (CO<sub>2</sub>)

### **Special Fire Fighting Procedures**

In general fire, toxic fumes may be generated. Use self-contained breathing apparatus. Use dry chemical extinguisher for dried film.

### **Unusual Fire / Explosion Hazards**

Burning dry latex (rubber) causes dense black smoke with potential for toxic vapors.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Spill and Leak Procedures**

Confine spill to prevent contamination of sewer system or ground water. Absorb liquid with appropriate absorbent or paper towel. Spills will cause slippery condition. If spill is on clothing, rub or wash, if possible immediately before the liquid begins to cure or set up. Rinse several times to completely remove. Towel dry with absorbent paper towel. Dispose of properly.

## **SECTION 7. HANDLING & STORAGE**

### **Storage temperature**

Avoid temperature extremes.

### **Handling / Storage Precautions**

Keep from freezing which could cause material to set up. Keep container sealed. Avoid prolonged skin contact. If material cures around the lid, peel it away slowly to avoid material snapping back with liquid attached.

### **Further Info on Storage Conditions**

This product contains natural rubber latex which may cause allergic reactions.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Industrial Hygiene**

Keep bottle sealed. Avoid leaving bottle cap off as this may cause this liquid to set up.

### **Ventilation Measures**

Use with general or local ventilation.

### **Respiratory Protection**

Under moderate or high vapor concentrations, use mask supplied with external air or other self-contained breathing apparatus. For small use applications, use with adequate ventilation.

### **Hand Protection**

Vinyl or rubber gloves.

### **Eye Protection**

Chemical safety goggles.

### **Skin and Body Protection**

Use lab apron.

### **Additional Protective Measures**

None.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance** – Liquid
- **Color** – White, red, pink, blue, beige, etc.
- **Odor** – Light ammonia smell
- **Flash Point** – Non flammable
- **Boiling Point** – 212 °F
- **Upper / Lower Explosion Limit** – Not applicable
- **Vapor Pressure** – 28 @ 25C
- **Solubility in Water** – Miscible
- **Auto-ignition Temperature** – Not applicable
- **Evaporation Rate (H<sub>2</sub>O=1)** - 1
- **Viscosity** – Variable
- **Vapor Density (AIR=1)** – same as water
- **% Volatile (by weight)** – 38 to 56%

## SECTION 10. STABILITY & REACTIVITY

**Hazardous Reactions** – Hazardous polymerization will not occur.

**Stability** – Stable

**Materials to Avoid** – Solvents, acids, and multivalent salts may coagulate the liquid rubber

**Conditions to Avoid** – Avoid extreme temperatures, freezing, or extreme heat. Keep container sealed to prevent dehydration and curing.

**Hazardous Decomposition Products** – Thermal decomposition may produce toxic gases.

**SECTION 11. TOXICOLOGICAL INFORMATION**

This product is slightly toxic.

**SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)**

Not applicable.

**SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)****Waste Disposal Method**

Dispose of in accordance with local, state, and federal regulations regarding environmental control.  
Cured latex film is not an environmental hazard.

**SECTION 14. TRANSPORT INFORMATION (non-mandatory)**

Not applicable.

**SECTION 15. REGULATORY INFORMATION (non-mandatory)**

This product is not considered hazardous under OSHA Standard (29CFR 1910.1200). This product is not a “controlled product” under Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA Title III – Sect 313 (40CFR372) above de minimus concentrations ammonia (CAS 7664-41-7)

**SECTION 16. OTHER INFORMATION (non-mandatory)**

Not applicable.