



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**  
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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b> RED LION POW-R BOND SPRAY ADHESIVE	<b>DATE PREPARED:</b> February 9, 2009
<b>PART NUMBER:</b> 74187	<b>CHROMATE INDUSTRIAL CORPORATION</b>
<b>PRODUCT TYPE:</b> ADHESIVE	5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206
<b>CHEM. FAMILY:</b> ACETONE, HEPTANE	<b>DOT Hazard Classification:</b> ORM-D
<b>ISOBUTANE/PROPANE BLEND</b>	<b>NOTICE:</b> JUDGEMENT BASED ON INDIRECT TEST DATA

## SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

<b>NFPA RATING:</b> Health: 2	<b>Flammability:</b> 3	<b>Reactivity:</b> 0	<b>Special:</b> -
<b>HMIS RATING:</b> Health: 2	<b>Flammability:</b> 3	<b>Reactivity:</b> 0	<b>Personal Protection:</b> B

<b>COMPONENTS- CHEMICAL NAMES/COMMON NAMES</b> <small>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</small>	<b>CAS Number</b>	<b>SARA III LIST</b>	<b>OSHA PEL (ppm)</b>	<b>ACGIH TLV (ppm)</b>	<b>CARCINOGEN Ref. Source **</b>
ACETONE	67-64-1	No	1000	750	d
HEPTANE	142-82-5	No	500	400	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d

## SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A  
**Specific Gravity (H2O=1):** Concentrate Only = 0.853  
**Vapor Pressure: PSIG @ 70°F (Aerosols):** Max.80  
**Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):** N/A  
**Vapor Density (Air = 1):** N/E  
**Evaporation Rate (= 1):** N/E  
**Solubility in Water:** Partial  
**Water Reactive:** No  
**Appearance and Odor:** Straw colored liquid with ketone solvent odor.

## SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY** as per USA FLAME PROJECTION TEST (aerosols): *EXTREMELY FLAMMABLE*  
**Auto-Ignition Temperature:** N/E  
**Flammability Limits in Air by % in Volume:** % LEL: N/E  
 % UEL: N/E  
**FLASH POINT AND METHOD USED (non-aerosols):** N/A  
**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide, water.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus (SCUBA). Use water fog to cool containers to prevent rupturing & exploding containers. Provide shielding for personnel.  
**Unusual Fire & Explosion Hazards:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 4 – REACTIVITY HAZARD DATA****STABILITY:** STABLE**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR**Incompatibility (Materials to Avoid):** Strong oxidizing agents.**Conditions to Avoid:** Open flame, welding arcs, heat, sparks.**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide.**SECTION 5 – HEALTH HAZARD DATA****PRIMARY ROUTES OF ENTRY:** INHALATION and SKIN ABSORPTION**ACUTE EFFECTS****Inhalation:** Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.**Eye Contact:** Irritation.**Skin Contact:** Irritation due to defatting of skin.**Ingestion:** Possible chemical pneumonitis if aspirated into lungs.**CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture)**

Excessive inhalation of solvents may cause brain and other nervous system damage.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions.**EMERGENCY FIRST AID PROCEDURES****Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.**Skin Contact:** Wash with soap and water. If irritated, seek medical attention.**Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention.**Ingestion:** *DO NOT INDUCE VOMITING.* Drink two large glasses of water. Get immediate medical attention.**SECTION 6 – CONTROL AND PROTECTIVE MEASURES****Respiratory Protection (specify type):** If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.**Protective Gloves:** Neoprene.**Eye Protection:** Safety glasses recommended.**Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.**Other Protective Clothing & Equipment:** None**Hygienic Work Practices:** Wash with soap and water before handling food. Remove contaminated clothing.**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE****Steps To Be Taken If Material Is Spilled Or Released:** Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. *DO NOT FLUSH TO SEWER.***Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.**Other Precautions &/or Special Hazards:** *KEEP OUT OF REACH OF CHILDREN.* Avoid food contamination. Avoid breathing vapors. Remove ignition sources.**OTHER INFORMATION**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only