MATERIAL SAFETY DATA SHEET

RPD INFORMATION

Address 5218 Barthel Industrial Drive
Albertville, MN 55301

Website www.rpdinc.com

Email sales@rpdinc.com

Phone 763-497-2071 or 800-497-2071

Fax 763-497-2295

RPD PRODUCT INFORMATION

RPD is an authorized distributor

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3051-902</td>
<td>Leaded Vinyl Sheet, 2' x 3' x 1/16&quot; .50mm Lead Equiv</td>
</tr>
<tr>
<td>3051-903</td>
<td>Leaded Vinyl Sheet, 2' x 3' x 1/8&quot; 1.00mm Lead Equiv.</td>
</tr>
</tbody>
</table>
**Material Safety Data Sheet**

**Material Name:** Cost Cruncher

### Section 1 - Chemical Product and Company Identification

**Manufacturer Information**

Bar Ray Products Inc.  
Phone: 717-359-9100  
95 Monarch Street  
Littlestown, PA 17340

### Section 2 - Hazards Identification

**Emergency Overview**

Product is an article as defined by OSHA 1910.1200. No hazards are anticipated while using this product as manufactured.

**Potential Health Effects: Eyes**

None anticipated when using this product as manufactured.

**Potential Health Effects: Skin**

None anticipated when using this product as manufactured.

**Potential Health Effects: Ingestion**

Not a likely route of exposure under normal product use conditions.

**Potential Health Effects: Inhalation**

None anticipated when using this product as manufactured.

**HMIS Ratings:**  
Health: 0  Fire: 0  Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe  * = Chronic hazard

### Section 3 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>7439-92-1</td>
<td>Lead</td>
<td>70-90</td>
</tr>
<tr>
<td>Not Available</td>
<td>PVC Plasticizer</td>
<td>10-30</td>
</tr>
</tbody>
</table>

### Section 4 - First Aid Measures

**First Aid: Eyes**

No special first aid measures needed.

**First Aid: Skin**

No special first aid measures needed. If irritation occurs, wash hands thoroughly with soap and water.

**First Aid: Ingestion**

No special first aid measures needed.

**First Aid: Inhalation**

No special first aid measures needed.

### Section 5 - Fire Fighting Measures

**General Fire Hazards**

See Section 9 for Flammability Properties.  
None anticipated.

**Hazardous Combustion Products**

When burned or subjected to temperatures in excess of 300°F for excessive time, hydrogen chloride is emitted.  
Avoid breathing combustion products or use self-contained breathing apparatus.

**Extinguishing Media**

Use appropriate extinguishing media for surrounding fire.

**Fire Fighting Equipment/Instructions**

Firefighters should wear full protective gear.

**NFPA Ratings:**  
Health: 0  Fire: 0  Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
Material Safety Data Sheet

Material Name: Cost Cruncher

*** Section 6 - Accidental Release Measures ***

Containment Procedures
None necessary.

Clean-Up Procedures
None necessary.

Evacuation Procedures
None

Special Procedures
None

*** Section 7 - Handling and Storage ***

Handling Procedures
No special handling procedures needed.

Storage Procedures
No special storage procedures needed.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits
Lead (7439-92-1)
ACGIH: 0.05 mg/m³ TWA
OSHA: 30 µg/m³ Action Level (Pb, Poison, See 29 CFR 1910.1025); 50 µg/m³ TWA (Pb)
NIOSH: 0.050 mg/m³ TWA

Engineering Controls
None needed.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face
Not required under normal product use conditions.

Personal Protective Equipment: Skin
Not required under normal product use conditions.

Personal Protective Equipment: Respiratory
Not required under normal product use conditions.

Personal Protective Equipment: General
Not required under normal product use conditions.

*** Section 9 - Physical & Chemical Properties ***

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Brownish or grey flexible material</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>ND</td>
</tr>
<tr>
<td>Melting Point</td>
<td>ND</td>
</tr>
<tr>
<td>Solubility (H₂O)</td>
<td>ND</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>ND</td>
</tr>
<tr>
<td>VOC</td>
<td>ND</td>
</tr>
<tr>
<td>Octanol/H₂O Coeff.</td>
<td>ND</td>
</tr>
<tr>
<td>Flash Point (UFL)</td>
<td>ND</td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>ND</td>
</tr>
<tr>
<td>Burning Rate</td>
<td>ND</td>
</tr>
<tr>
<td>Lower Flammability Limit (LFL)</td>
<td>ND</td>
</tr>
<tr>
<td>Auto Ignition</td>
<td>ND</td>
</tr>
</tbody>
</table>

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability
This is a stable material.

Chemical Stability: Conditions to Avoid
None
Material Safety Data Sheet

Material Name: Cost Cruncher

Incompatibility
None

Hazardous Decomposition
Not Determined

Possibility of Hazardous Reactions
Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects
A: General Product Information
No information available for the product.

B: Component Analysis - LD50/LC50
No LD50/LC50's are available for this product's components.

Carcinogenicity
A: General Product Information
No information available for the product.

B: Component Carcinogenicity
Lead (7439-92-1)
ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
OSHA: 30 µg/m3 Action Level (Pb, Poison, See 29 CFR 1910.1025); 50 µg/m3 TWA (Pb)
NTP: Reasonably Anticipated To Be A Human Carcinogen (Possible Select Carcinogen)
IARC: Monograph 87 [2006] (evaluates inorganic lead compounds as Group 2A and organic lead compounds as Group 3) (Group 2A (probably carcinogenic to humans))

*** Section 12 - Ecological Information ***

Ecotoxicity
A: General Product Information
No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity
Lead (7439-92-1)
Test & Species                      Conditions
96 Hr LC50 Cyprinus carpio       0.44 mg/L [semi-static]
96 Hr LC50 Oncorhynchus mykiss    1.17 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss    1.32 mg/L [static]
48 Hr EC50 water flea            600 µg/L

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers
Lead (7439-92-1)
RCRA: 5.0 mg/L regulatory level

Disposal Instructions
All wastes must be handled in accordance with local, state and federal regulations.
See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information
Shipping Name: Not Regulated
Material Name: Cost Cruncher

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Lead (7439-92-1)

- SARA 313: 0.1 % Supplier notification limit; 0.1 % de minimis concentration (when contained in stainless steel, brass, or bronze)
- CERCLA: 10 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers); 4.54 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers)

State Regulations

Component Analysis - State
The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>CA</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
<th>RI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.
WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Component Analysis - WHMIS IDL
The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Minimum Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>0.1 %</td>
</tr>
</tbody>
</table>

Additional Regulatory Information

Component Analysis - Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>TSCA</th>
<th>CAN</th>
<th>EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>Yes</td>
<td>DSL</td>
<td>EINECS</td>
</tr>
</tbody>
</table>

*** Section 16 - Other Information ***

Other Information
The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend
EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.