

(7901-00)

00902-1009

Set

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)  
 Shiva Casein Colors

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

|   |  |
|---|--|
| Manufacturer's Name<br><b>Jack Richeson &amp; Co.</b>   | Emergency Telephone Number<br><b>(800)233-2404</b>           |
| Address (Number, Street, City, State, and ZIP Code)<br><b>P.O. Box 160<br/>Kimberly WI, 54136</b> | Telephone Number for Information<br><b>(800)233-2404</b>     |
|   | Date Prepared<br><b>March 30, 2001</b>                       |
|   | Signature of Preparer (optional)<br><b>Kelly M. Richeson</b> |

**Section II — Hazardous Ingredients/Identty Information**

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|--------------------------|--------------|
| Contains no hazardous substance per OSHA CFR 1940.1200            |          |           |                          |              |

**Section III — Physical/Chemical Characteristics**

|   |  |
|---|--|
| Boiling Point<br><b>200°F</b>                                       | Specific Gravity (H <sub>2</sub> O = 1)<br><b>1.03-1.80</b>              |
| Vapor Pressure (mm Hg.)<br><b>N/A</b>                               | Melting Point<br><b>N/A</b>  |
| Vapor Density (AIR = 1)<br><b>Heavier Than Air</b>                  | Evaporation Rate<br><b>(Butyl Acetate = 1) Slower than Butyl Acetate</b> |
| Solubility in Water<br><b>Infinite</b>                              |  |
| Appearance and Odor<br><b>Viscous liquid with a milk-like odor.</b> |  |

**Section IV — Fire and Explosion Hazard Data**

|   |                                |                       |                       |
|---|--------------------------------|-----------------------|-----------------------|
| Flash Point (Method Used)<br><b>N/A</b>                             | Flammable Limits<br><b>N/A</b> | LEL<br><b>Unknown</b> | UEL<br><b>Unknown</b> |
| Extinguishing Media<br><b>Foam, CO<sub>2</sub>, or Dry Chemical</b> |                                |                       |                       |
| Special Fire Fighting Procedures<br><b>None</b>                     |                                |                       |                       |

Item Numbers and Explosion Hazards  
 None Known

V-3586

## Section V — Reactivity Data

|           |          |   |                     |
|-----------|----------|---|---------------------|
| Stability | Unstable |   | Conditions to Avoid |
|           | Stable   | X | None Known          |

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

None

|                          |                |   |                     |
|--------------------------|----------------|---|---------------------|
| Hazardous Polymerization | May Occur      |   | Conditions to Avoid |
|                          | Will Not Occur | X | None Known          |

## Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Yes      Skin? No      Ingestion? Yes

Health Hazards (Acute and Chronic)

This is a water-based product based on natural milk protein.

Carcinogenicity: NTP? Not Listed      IARC Monographs? None      OSHA Regulated? No

Signs and Symptoms of Exposure

None Known

Medical Conditions

Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures

Provide adequate respiratory supportive measures; wash the skin; irrigate eyes and induce vomiting. Call Doctor if swallowed.

## Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Dike the spill; then soak it up with inert absorbent.

Waste Disposal Method

Dispose in accordance with local, state, and federal laws where permitted.

Precautions to Be Taken in Handling and Storing

Store in cool, dry place and use with adequate ventilation.

Other Precautions

Do not spray, apply or inhale fumes, vapors, or dusts of cadmium colors.

## Section VIII — Control Measures

Respiratory Protection (Specify Type)

Dust or Mist Mask

|             |                      |     |         |    |
|-------------|----------------------|-----|---------|----|
| Ventilation | Local Exhaust        | Yes | Special | No |
|             | Mechanical (General) | No  | Other   | No |

Protective Gloves

Yes

Eye Protection

Yes

Other Protective Clothing or Equipment:

None

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Work Hygienic Practices

Handle with care - Use good hygienic practices.

|  |                        |                                    |                                   |
|--|------------------------|------------------------------------|-----------------------------------|
| <b>Carcinogenicity:</b><br><b>WARNING: DO NOT SPRAY APPLY</b> – This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.   | <b>NTP?</b><br>No info | <b>IARC Monographs?</b><br>No info | <b>OSHA Regulated?</b><br>No info |
| <b>Signs and Symptoms of Exposure:</b> See above.  |                        |                                    |                                   |
| <b>Medical Conditions Generally Aggravated by Exposure:</b> None known   |                        |                                    |                                   |
| <b>Emergency and First Aid Procedures:</b> Inhalation exposure: Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention. Eye contact: Flush with large quantities of water for 15 minutes. Skin contact: Wash thoroughly with soap and water and see a doctor. Ingestion: Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact physician immediately. |                        |                                    |                                   |

#### Section VII - Precautions for Safe Handling and Use

|   |
|---|
| <b>Steps to Be Taken in Case Material is Released or Spilled:</b> Eliminate ignition sources, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid. Thoroughly wet with water and mix.  |
| <b>Waste Disposal Method:</b> Collect absorbent/water/spilled liquid mixture into metal containers and add enough water to cover. Consult local, state, and federal hazardous waste regulation before disposing into approved hazardous waste landfills. Obey relevant laws.  |
| <b>Precautions to be Taken in Handling and Storing:</b> Use non-sparking utensils when handling this material. Avoid hot metal surface. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames.  |
| <b>Other Precautions:</b> Smoking in area where this material is used should be strictly prohibited. Tools used with this material should be made from aluminum, brass or copper. Plastic utensils should not be used.<br><b>NOTE:</b> This information is accurate to the best knowledge of Creative Art Products, Inc., but is furnished without any expressed or implied warranties. |

#### Section VIII - Control Measures

|   |   |
|---|---|
| <b>Respiratory Protection (<i>Specify Type</i>):</b> Do not spray apply. When using this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus. |   |
| <b>Ventilation:</b> General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion-proof.   |   |
| <b>Protective Gloves:</b><br>Impermeable chemical handling gloves for skin protection   | <b>Eye Protection:</b><br>Use chemical safety glasses, goggles, and faceshields for eye protection. |
| <b>Other Protective Clothing or Equipment:</b> Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.  |   |
| <b>Work/Hygienic Practices:</b> Eye washes and safety showers in the workplace are recommended.   |   |

|  |                        |                                    |                                   |
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