

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) *Revised March 2002* SPEEDBALL Water-Soluble Screen Printing Inks *350-705/381224*
(4532, 4540 thru 4549, 4572 & 4580 thru 4589) *Transparent Extender Base (.4572)*

Section I

| | |
|---|--|
| Manufacturer's Name SPEEDBALL ART PRODUCTS 2226 SPEEDBALL ROAD STATESVILLE, NC 28677 | Emergency Telephone Number 704-838-1475 |
| | Telephone Number for Information 704-838-1475 |
| | Date Prepared 9/25/01 |
| | Signature of Preparer (optional) <i>[Signature]</i> |

Section II — Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|--|----------|-----------|--------------------------|--------------|
| Approved for the AP Seal (Non-toxic) by the Art & Creative Materials Institute, Inc. (ACMI). Product labeling conforms to ASTM D4236. | | | | |

Note: This product has been evaluated by a Toxicologist only as per intended usage.
Do not deviate from intended usage!

VOC: 106-134 grams per liter
(0.88-1.12 lbs. per gal.)

Section III — Physical/Chemical Characteristics

| | | | |
|-------------------------|-------------|---|--------------|
| Boiling Point | 212-369°F | Specific Gravity (H ₂ O = 1) | 1.11 to 1.57 |
| Vapor Pressure (mm Hg.) | unknown | Melting Point | <32°F. |
| Vapor Density (AIR = 1) | less than 1 | Evaporation Rate (Butyl Acetate = 1) | less than 1 |

Solubility in Water: Dilutable
Appearance and Odor: Semi-paste with slight odor

Section IV — Fire and Explosion Hazard Data

| | | | |
|---------------------------|------------------|-----|-----|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| Not applicable (N/A) | N/A | N/A | N/A |
| Extinguishing Media | N/A | | |

Special Fire Fighting Procedures: wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Material can spatter above 212°F. Film can burn.

| | | | | |
|-----------|----------|---|---------------------|----------------------------------|
| Stability | Unstable | X | Conditions to Avoid | Onset of decomposition is 350°F. |
| | Stable | | | |

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition or Byproducts Oxides of carbon and nitrogen.

| | | | | |
|--------------------------|----------------|---|---------------------|-----|
| Hazardous Polymerization | May Occur | X | Conditions to Avoid | N/A |
| | Will Not Occur | | | |

Section VI — Health Hazard Data

Route(s) of Entry: N/A Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic) N/A

Carcinogenicity: N/A NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure N/A

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures Contact with eyes may cause mild irritation: Flush with water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Floor may be slippery; use care to avoid falling. Transfer to containers for recovery or disposal.

Waste Disposal Method Landfill according to Federal, State & local regulations.

Precautions to Be Taken in Handling and Storing Keep from freezing - product may coagulate.

Other Precautions N/A

Section VIII — Control Measures

Respiratory Protection (Specify Type)
None required with adequate ventilation & normal operating conditions.

| | | | |
|-------------|----------------------|----------|---------|
| Ventilation | Local Exhaust | Adequate | Special |
| | Mechanical (General) | | Other |

Protective Gloves Impervious Eye Protection Safety glasses

Other Protective Clothing or Equipment N/A

Work/Hygiene Practices Use protective cream where excessive skin contact is likely.