

Z1100-1009

Rev'd 10-24-03 ✓

Material Safety Data Sheet

Claybord Inks

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

| | |
|---|---|
| IDENTITY (as used on Label and List) CLAYBORD INKS | 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 KOH-I-NOOR Inc. & Ampersand Art Supply | Emergency Telephone Numbers 512-322-0278 or 908-479-4124 | |
| Address (Number, Street, City, State, Zip Code) 1500 E. 4th St. Austin, TX 78702 | Telephone Number for Information 512-322-0278 | |
| | Date Prepared 4/15/2003 | Date Superseded 5/21/1999 |

Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Names(s)) | OSHA PEL | ACGIH TLV | % |
|---|-------------|-------------|------------|
| Ethylene Glycolol Monbutyl Ether: CAS#111-76-2 This chemical is subject to the reporting requirements of Section 313 of SARA Title III | 25 ppm SKIN | 25 ppm SKIN | 1.5-1.7 |
| Non-Hazardous Components: Organic Pigments | | | 1.25 - 7.5 |
| Styrene - Acrylic Copolymer | | | 7.5 - 8.5 |
| Water Other components below 1% include surfactants, ammonium hydroxide, 1,2- benzisothiazolin - 3 - one | | | 90 - 95 |

Additional Information

- * These products are considered non-toxic to ASTM D-4236
- * All known components are listed in TSCA inventory
- * Information collected from other sources is considered accurate
- * 6 colors - sepia, light green, carmine red, ultramarine blue, yellow, and black

Section III- Physical/Chemical Characteristics

| | | | |
|--------------------------------|--------------------------------|--|------------------|
| Boiling Point | Similar to Water | Specific Gravity (H₂O - I) | 1.02 - 1.05 |
| Vapor Pressure (mm Hg.) | Similar to Water | Melting Point | 30 |
| Vapor Density (AIR-1) | Similar to Water | Evaporation Rate | Similar to Water |
| Solubility in Water | Completely Miscible | | |
| Appearance and Odor | Free flowing liquid, mild odor | | |

Section IV- Fire and Explosive Hazard Data

| | | | | | | |
|---|---------------------|-------------------------|-----|------|-----|------|
| Flash Point (Method Used) | > 170° (closed cup) | Flammable Limits | LEL | N.A. | UEL | N.A. |
| Extinguishing Media | N.A. | | | | | |
| Special Fire Fighting Procedures | N.A. | | | | | |
| Unusual Fire and Explosion Hazards | N.A. | | | | | |

Section V- Reactivity Data

| | | |
|--|---|----------------------------|
| Stability | Unstable | Conditions to Avoid |
| | Stable X | |
| Incompatibility (Materials to Avoid) | NONE | |
| Hazardous Decomposition or Byproducts | May release oxides of carbon and nitrogen if burned | |
| Hazardous Polymerization | May Occur | Conditions to Avoid |
| | Will Not Occur X | |

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Section VI - Health Hazard Data

| | | | | | | |
|--|--|------|------------------|-----------|-----------------|------|
| Route(s) of Entry: | Inhalation | Skin | X | Ingestion | | |
| Health Hazards (Acute and Chronic) | Contact with eyes may cause burning and/or irritation, prolonged contact with skin may cause irritation. | | | | | |
| Carcinogenicity: | NTP? | None | IARC Monographs? | None | OSHA Regulated? | None |
| Signs and Symptoms of Exposure | Redness of eye and skin | | | | | |
| Medical Conditions Generally Aggravated by Exposure | None Expected | | | | | |
| Emergency and First Aid Procedures | EYES - irrigate with water for 15 minutes, call physician INGESTION - drink 1 - 2 glasses of water, call physician SKIN - wash with soap and water | | | | | |

Section VII - Precautions for Safe Handling and USE

| | |
|--|---|
| Steps to Be Taken in Case Material is Released or Spilled | Contain and clean spill |
| Waste Disposal Method | Bury, incinerate, or flush to sewer in accordance with any applicable federal, state, or local laws |
| Precautions to Be Taken in Handling and Storage | Avoid contact with eyes, avoid extreme temperatures |
| Other Precautions | Best if kept from freeezing |

Section VIII- Control Measures

| | | | | |
|---|--|-----------------------------|-----------------------|---|
| Respiratory Protection (Specify Type) | No special protection recommended unless product is sprayed or misted. | | | |
| Ventilation | Local Exhaust | If sprayed or misted | Special | Appropriate mask if sprayed or misted |
| | Mechanical (General) | Sufficient | Other | |
| Protective Gloves | Not necessary in normal use | | Eye protection | Safety glasses recommend if sprayed, misted, or product likely to splash. |
| Other Protective Clothing or Equipment | None | | | |
| Work/Hygenic Practices | Wash hands before eating, smoking, or using toilet facilities | | | |
| NA - Not applicable | ND - not determined | | | |