

3-17-05

03/16/2005 12:25 FAX 800 762 7918

CHARTPAK INC.

21129- all Codes
except
- 1021

KOH-I-NOR 9065 Drawing Ink

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TransMix Media Brilliant Ink

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.

IDENTITY (As Used on Label and List)
KOH-I-NOOR 9065 Drawing Ink (*see below) 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 **ALL COLOURS (except white)**

| | | |
|---|--|----------------------------|
| Manufacturer's Name KOH-I-NOOR Inc. | Emergency Telephone Number (908) 479-4124 | |
| Address (Number, Street, City, State, ZIP Code) 100 North Street P.O. Box 68 Bloomsbury, NJ 08804-0068 | Telephone Number for Information (908) 479-4124 | |
| | Date Prepared 3/28/03 | Date Superseded 5/21/99 |

Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | % (optional) |
|---|------------|-------------|--------------|
| Ethylene Glycol Monobutyl Ether CAS # 111-76-2 | 25ppm SKIN | 25 ppm SKIN | 1.5 - 1.7 |

- This chemical is subject to the reporting requirements of Section 313 of SARA Title III -

Non Hazardous Components:

| | |
|-----------------------------|------------|
| Organic Pigments | 1.25 - 7.5 |
| Styrene - Acrylic Copolymer | 7.5 - 8.5 |
| Water | 80 - 90 |

V 875

- Other components below 1% include surfactants, ammonium hydroxide, 1,2 - benzisothiazolin - 3 - one

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
- * 16 colors - scarlet, carmine, vermilion, orange, yellow, light green, deep green, cyan, cobalt blue, ultramarine, prussian blue, red violet, blue violet, sienna, burnt sienna, sepia, gray

Section III - Physical/Chemical Characteristics

| | | | |
|-------------------------|--------------------------------|---|------------------|
| Boiling Point | Similar to Water | Specific Gravity (H ₂ O = 1) | 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 Explosion Hazard Data

| | | | | | | |
|------------------------------------|---------------------|------------------|-----|------|-----|------|
| Flash Point (Method Used) | >170°F (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. | | | | | |

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Section V - Reactivity Data

| | | | |
|---|----------------|---|---|
| Stability | Unstable | | Conditions To Avoid |
| | Stable | X | |
| Incompatibility (<i>Materials to Avoid</i>) | | | 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 | |

Section VI - Health Hazard Data

| | | | | | | |
|---|-------------|---|------------------|------|-----------------|------|
| Route(s) of Entry: | Inhalation? | | Skin? | X | Ingestion? | |
| Health Hazards (<i>Acute and Chronic</i>) | | 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 | Certain 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 Storing | Avoid contact with eyes, avoid extreme temperatures |
| Other Precautions | Best if kept from freezing |

Section VIII - Control Measures

| | | | | | |
|--|---|---|----------------|--|--|
| Respiratory Protection (<i>Specify Type</i>) | | 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 (<i>General</i>) | Sufficient | Other | | |
| Protective Gloves | Not necessary in normal use | | Eye Protection | Safety glasses recommended if sprayed, misted, or product likely to splash | |
| Other Protective Clothing or Equipment | | None | | | |
| Work/Hygienic Practices | Wash hands before eating, smoking, or using toilet facilities | | | | |
| NA - Not applicable | ND - Not Determined | | | | |