

MATERIAL SAFETY DATA SHEET

FILE NUMBER:

NAME OF PRODUCT: DAZZLING METALLICS ALUMINUM

MSDS DATE: 2-27-06

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DAZZLING METALLICS
SYNONYMS:
PRODUCT CODES: DAO70
MANUFACTURER: DECOART, INC.
ADDRESS: JUNCTION HWYS 150 & 27; STANFORD, KY 40484
DOMESTIC EMERGENCY PHONE: CHEMTREC – (800) 424-9300
OTHER CALLS: (606) 365-3193
FAX PHONE: (606) 365-9739
CHEMICAL NAME: MIXTURE
CHEMICAL FAMILY: PAINT
CHEMICAL FORMULA: MIXTURE
PRODUCT USE: ART AND CRAFT PAINT FOR DECORATIVE PAINTING PROJECTS.
PREPARED BY: D. KELLY
MSDS PREPARATION DATE: 1-17-06

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: ALUMINUM

CAS NO. % 7429-90-5
OSHA TLV-: 10MG/M3

WT % 5-9%
N.E.

SARA 313 REPORTABLE: YES
OSHA STEL:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Inhalation: No; Skin: Yes; Eyes: Yes; Ingestion: Yes

POTENTIAL HEALTH EFFECTS

EYES: May exhibit redness and primary irritation.

SKIN: May cause dermatitis.

INGESTION: Non-toxic

INHALATION: None expected.

ACUTE HEALTH HAZARDS: .

CHRONIC HEALTH HAZARDS: Confined to persons suffering from pre-existing Wilson's disease

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PERSONS AFFECTED WITH PRE-EXISTING SKIN DISORDERS

CARCINOGENICITY

OSHA: NO: NTP:NO IARC:NO

OTHER: None known.

SECTION 4: FIRST AID MEASURES

EYES: Flush with clean water for 15 minutes occasionally lifting eyelids. Consult a physician, especially if irritation persists.

DAO70

SKIN: Remove contaminated clothing, Launder before re use. Wash skin with mild soap and water: apply a good quality skin cream; if irritation persists, consult a physician.

INGESTION: Do not induce vomiting. Consult a physician.

INHALATION: Immediately remove person from contaminated area to fresh air. If unconscious, keep breathing passage open and have emergency assistance summoned immediately. If breathing is irregular or stopped, start resuscitation immediately. Administer oxygen if available, and have emergency medical assistance summoned immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No significant hazards known.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A

(% BY VOLUME) LOWER: N/A

FLASH POINT:

F: N/A

C: N/A

METHOD USED: N/A

AUTOIGNITION TEMPERATURE:

F: N/A

C: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

OTHER: N/A

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 1

PROTECTION: B

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:

Class D Fire Extinguisher with low velocity nozzle
DO NOT use fire extinguishers with halogenated hydrocarbons. **DO NOT** use water on burning aluminum

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Burning plastic containers may emit hazardous fumes.

HAZARDOUS DECOMPOSITION PRODUCTS:

Usual products of combustion: CO₂, CO,

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Collect and dispose of in accordance with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in cool, dry place

OTHER PRECAUTIONS: Good personal hygiene, wash hands before eating or smoking or using toilet facilities

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Local exhaust recommended.

RESPIRATORY PROTECTION: None generally required.

EYE PROTECTION: Safety glasses.

SKIN PROTECTION: None normally required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station should be available.

WORK HYGIENIC PRACTICES: Wash hands prior to smoking or eating.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colored Viscous Liquid.
ODOR: Very low odor product. Not offensive.
PHYSICAL STATE: Viscous liquid.
pH AS SUPPLIED: 7.0 – 9.0
pH (Other): N/A
BOILING POINT:
 F: 100°F
 C: 212°C
MELTING POINT:
 F: 32°F
 C: 0°C
FREEZING POINT:
 F: 32°F
 C: 0°C
VAPOR PRESSURE (mmHg): 17
@
 F: 77°F
 C: 25°C
VAPOR DENSITY (AIR = 1): 0.18
@
 F: 122°F
 C: 50°C
SPECIFIC GRAVITY (H2O = 1): 1.07 – 1.12
@
 F: 77°F
 C: 25°C
EVAPORATION RATE:
BASIS (=1):
SOLUBILITY IN WATER: Infinite.
PERCENT SOLIDS BY WEIGHT: 38-42%
PERCENT VOLATILE:
 BY WT/ 58—62%
 BY VOL 63--67%
 F: 77°F
 C: 25°C
VOLATILE ORGANIC COMPOUNDS (VOC):
WITHOUT WATER: .6-.7 LBS/GAL
MOLECULAR WEIGHT: N/A
VISCOSITY: approx 7000cps
@
 F: 77°F
 C: 25°C

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| STABILITY: | Stable |
| CONDITIONS TO AVOID (STABILITY): | Smoking, open flames |
| INCOMPATIBILITY (MATERIAL TO AVOID): | Acids, alkalies, halogenated hydrocarbons, oxidizing agents |
| HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: | Usual products of combustion: CO ₂ , CO, |
| HAZARDOUS POLYMERIZATION: | Will not occur. |
| CONDITIONS TO AVOID (POLYMERIZATION): | None known. |

DAO70

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product contains aluminum.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This product contains aluminum, which is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Collect and dispose of in accordance with local, state and federal regulations.

RCRA HAZARD CLASS: This product contains no RCRA regulated materials.

SECTION 313 NOTES: This product contains Section 313 regulated materials.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES

HAZARD CLASS: NONREGULATED

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES

HAZARD CLASS: NONREGULATED

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS: N/A

AIR TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES

HAZARD CLASS: NONREGULATED

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS: N/A

OTHER AGENCIES: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: N/A

PREPARATION INFORMATION: N/A

MATERIAL SAFETY DATA SHEET

FILE NUMBER:
NAME OF PRODUCT: DAZZLING METALLICS
MSDS DATE: 8-31-09

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DAZZLING METALLICS
SYNONYMS:
PRODUCT CODES: DAO71, DAO72, DA202
MANUFACTURER: DECOART, INC.
ADDRESS: JUNCTION HWYS 150 & 27; STANFORD, KY 40484
DOMESTIC EMERGENCY PHONE: CHEMTREC – (800) 424-9300
OTHER CALLS: (606) 365-3193
FAX PHONE: (606) 365-9739
CHEMICAL NAME: MIXTURE
CHEMICAL FAMILY: PAINT
CHEMICAL FORMULA: MIXTURE
PRODUCT USE: ART AND CRAFT PAINT FOR DECORATIVE PAINTING PROJECTS.
PREPARED BY: D. KELLY
MSDS PREPARATION DATE: 8-31-09

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: COPPER

CAS NO. % 7440-50-8 WT % 12-15% SARA 313 REPORTABLE YES
OSHA TLV-:1MG/M3 OSHA STEL :2MG/M3

INGREDIENT: ZINC

CAS NO. % 7440-66-6 WT % 3-5% SARA 313 REPORTABLE YES
OSHA PEL-TLV 5MG/M3: OSHA PEL STEL :NE OSHA PEL CEILING:NE

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Inhalation: No; Skin: Yes; Eyes: Yes; Ingestion: Yes

POTENTIAL HEALTH EFFECTS

EYES: May exhibit redness and primary irritation.
SKIN: May cause acute dermatitis.
INGESTION: May cause acute gastroenteric symptoms including vomiting and/or inflammation
INHALATION: None expected.
ACUTE HEALTH HAZARDS: .
CHRONIC HEALTH HAZARDS: Confined to persons suffering from pre-existing Wilson's disease
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PERSONS AFFLICTED WITH CHRONIC RESPIRATORY AND/OR IMPAIRED PULMONARY FUNCTIONS, ESPECIALLY THOSE WITH OBSTRUCTIVE AIRWAY DISEASES.

DAO71,DAO72,DA202

PERSONS AFFECTED WITH PRE-EXISTING LIVER DISEASE

PERSONS AFFECTED WITH PRE-EXISTING KIDNEY DISEASE

PERSONS AFFECTED WITH PRE-EXISTING SKIN DISORDERS

PERSONS AFFECTED WITH PRE-EXISTING BLOOD DISORDERS

PERSONS AFFECTED WITH PRE-EXISTING WILSON'S DISEASE

CARCINOGENICITY

OSHA: NO: NTP:NO IARC:NO

OTHER: None known.

SECTION 4: FIRST AID MEASURES

EYES: Flush with clean water for 15 minutes occasionally lifting eyelids. Consult a physician, especially if irritation persists.
SKIN: Remove contaminated clothing, Launder before re use. Wash skin with mild soap and water: apply a good quality skin cream; if irritation persists, consult a physician.
INGESTION: Drink several glasses of water and consult a physician
INHALATION: Immediately remove person from contaminated area to fresh air. If unconscious, keep breathing passage open and have emergency assistance summoned immediately. If breathing is irregular or stopped, start resuscitation immediately. Administer oxygen if available, and have emergency medical assistance summoned immediately.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No significant hazards known.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A
FLASH POINT:
F: N/A
C: N/A
METHOD USED: N/A
AUTOIGNITION TEMPERATURE:
F: N/A
C: N/A
NFPA HAZARD CLASSIFICATION
HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0
OTHER: N/A
HMIS HAZARD CLASSIFICATION
HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 1
PROTECTION: B
EXTINGUISHING MEDIA: Dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing if directed into containers or burning liquid. Fire fighters should wear protective clothing. Use water spray to keep fire exposed containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Burning plastic containers may emit hazardous fumes.
HAZARDOUS DECOMPOSITION PRODUCTS: Usual products of combustion: CO₂, CO, oxides of copper and zinc.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Collect and dispose of in accordance with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in cool, dry place
OTHER PRECAUTIONS: Good personal hygiene, wash hands before eating or smoking or using toilet facilities

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
VENTILATION : Local exhaust recommended.
RESPIRATORY PROTECTION: None generally required.
EYE PROTECTION: Safety glasses.
SKIN PROTECTION: None normally required.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station should be available.
WORK HYGIENIC PRACTICES: Wash hands prior to smoking or eating.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colored Viscous Liquid.
ODOR: Very low odor product. Not offensive.
PHYSICAL STATE: Viscous liquid.
pH AS SUPPLIED: 7.0 – 9.0
pH (Other): N/A
BOILING POINT:
F: 100°F
C: 212°C
MELTING POINT:
F: 32°F
C: 0°C
FREEZING POINT:
F: 32°F
C: 0°C
VAPOR PRESSURE (mmHg): 24
@
F: 77°F
C: 25°C
VAPOR DENSITY (AIR = 1): 0.18
@
F: 122°F
C: 50°C
SPECIFIC GRAVITY (H2O = 1): 1.2 – 1.4
@
F: 77°F
C: 25°C
EVAPORATION RATE:
BASIS (=1):
SOLUBILITY IN WATER: Infinite.
PERCENT SOLIDS BY WEIGHT: 46-50%
PERCENT VOLATILE:
BY WT/ 50-56%
BY VOL 62-68%
F: 77°F
C: 25°C
VOLATILE ORGANIC COMPOUNDS (VOC):
WITHOUT WATER: .5-.8 LBS/GAL
MOLECULAR WEIGHT: N/A
VISCOSITY: approx 7000cps
@
F: 77°F
C: 25°C

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| STABILITY: | Stable |
| CONDITIONS TO AVOID (STABILITY): | Mineral acids and strong oxidizing agents |
| INCOMPATIBILITY (MATERIAL TO AVOID): | Mineral acids and other copper/zinc reactive agents |
| HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: | Usual products of combustion: CO ₂ , CO, oxides of copper and zinc |
| HAZARDOUS POLYMERIZATION: | Will not occur. |
| CONDITIONS TO AVOID (POLYMERIZATION): | None known. |

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product contains copper or copper/zinc alloy metal, which is slightly toxic.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This product contains copper and zinc which are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act and 40 CFR 372.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Collect and dispose of in accordance with local, state and federal regulations.
RCRA HAZARD CLASS: This product contains no RCRA regulated materials.
SECTION 313 NOTES: This product contains Section 313 regulated materials.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES
HAZARD CLASS: NONREGULATED
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES
HAZARD CLASS: NONREGULATED
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A

AIR TRANSPORTATION

PROPER SHIPPING NAME: PAINT-NOI W/CONT O/T PLASTIC TUBES
HAZARD CLASS: NONREGULATED
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A
OTHER AGENCIES: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A
311/312 HAZARD CATEGORIES: N/A
313 REPORTABLE INGREDIENTS: N/A
STATE REGULATIONS: N/A
INTERNATIONAL REGULATIONS: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: N/A
PREPARATION INFORMATION: N/A