

CARDINAL COLORS. INC -- WHITE STAMPING INK -- 7510-00-455-7280

===== Product Identification =====

Product ID:WHITE STAMPING INK

MSDS Date:03/30/1995

FSC:7510

NIIN:00-455-7280

Status Code:A

MSDS Number: CKZYV

=== Responsible Party ===

Company Name:CARDINAL COLORS. INC

Address:520 N. DAMEN AVE.

City:CHICAGO

State:IL

ZIP:60625

Country:US

Info Phone Num:312-561-4679

Emergency Phone Num:0000000000

CAGE

:TO996

=== Contractor Identification ===

Company Name:CARDINAL COLORS. INC

Address:520 N. DAMEN AVE.

Box:City:CHICAGO

State:IL

ZIP:60625

Country:US

Phone:312-561-4679

CAGE:TO996

===== Composition/Information on Ingredients =====

Ingred Name:COBALT DRIER

CAS:61789-52-4

OSHA PEL:.1 MG/M3

ACGIH TLV:0.5 MG/M3

Ingred Name:OIL SEVERLY HYDROTREATED

CAS:8042-47-5

RTECS #:PY8047000

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

ACGIH STEL:10 MG/M3

Ingred Name:VEGETABLE OILS

CAS:8001-26-1

RTECS

#:OI9690000  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3  
ACGIH STEL:20 MG/M3

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===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN: PROLONGED OR REPEATED EXPOSURE  
MAY CAUSE IRRITATION OR DERMITIS. INHALATION: EXCESSIVE INHALATION  
MAY CAUSE HEADACHES, DIZZINESS, NAUSEA AND LUNG DISCOMFORT.

INGESTION: THE LD50 RATINGS (ALBINO RATS) OF ALL COLORANTS LISTED  
ABOVE INDICATE THAT THESE COLORANTS ARE NOT TOXIC AS DEFINED BY  
1910.1200 APPENDIX A.

Medical Cond Aggravated by Exposure:

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===== First Aid Measures =====

First Aid:SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH  
AIR. CONSULT PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. CONSULT  
PHYSICIAN.

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===== Fire Fighting Measures =====

Flas  
h Point:>93.3C, 200.F  
>200 (ASTM D93)  
Extinguishing Media:FOAM, DRY CHEMICAL, CO2, WATER FOG  
Fire Fighting Procedures:WATER INEFFECTIVE BUT CAN BE USED TO COOL  
CONTAINERS EXPOSED TO HEAT OR FLAME.  
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

Spill Release Procedures:WIPR UP. DISPOSE OF WIPERS IN CONTAINERS  
APPROVED FOR OILY WASTE. PREVENT RUN-OFF INTO SEWERS. STREAMS OR  
WATERWAYS.

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===== Handling and Storage

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Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DEEP CONTAINERS AWAY FROM EXCESS HEAT OR OPEN FLAME.  
Other Precautions:FOR INDUSTRIAL USE ONLY. WASH HANDS THOROUGHLY BEFORE SMOKING OR EATING.

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Exposure Controls/Personal Protection

Ventilation:LOCAL EXHAUST  
Protective Gloves:YES  
Eye Protection:YES  
Supplemental Safety and Health

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Physical/Chemical Properties

Boiling Pt:  
=237.8C, 460.F  
B.P. Text:460-600 F  
Vapor Density:+AIR  
Spec Gravity:H2O=1 HEAVIER  
Evaporation Rate & Reference:BUTYL AC=1 SLOWER  
Solubility in Water:INSOLUABLE

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

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Toxicological Information

Toxicological Information:A DUPONT COMPANY TOXOLOGICAL STUDY SHOWED THAT 25% OF LABORATORY RATS INHALING 250 MG OF RESPIRABLE TI02 PER M3 OF AIR FOR TWO YEARS DEVELOPED LUNG TUMORS. THIS CONCENTRATION IS 25 TIMES HIGHER THAN THE TLV FOR TI02, AND NO INCREASE IN TUMORS WAS FOUND AT LOWER LEVELS. TITANIUM DIOXIDE ( TI02) IS THE UNIVERSAL OPAQUE WHITENER. IT IS USED IN EVERYTHING FROM WHITEWALL TIRES TO TABLEWARE. AIRBORNE TI0 2 (RESPIRATORY) IS NOT PRESENT IN THIS PRODUCT.

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Disposal Considerations

Waste Disposal Methods:IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION

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===== Regulatory Information =====

SARA Title III Information: INK OF THIS TYPE CONTAINS A MAXIMUM OF 12%  
COBALT BEARING COMPOUNDS UNLESS THIS IS COBLAT DRIER ITSELF. IN  
THIS CASE IT CONTAINS A MAX OF 12% AS COBALT.

State Regulatory Information:

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===== Other Information =====

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