

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

===== 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:

===== 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.

===== 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

===== 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.

===== 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.

===== Exposure Controls/Personal Protection =====

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

===== 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

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

===== 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 FO  
R TWO YEARS DEVELOPED LUNG TUMORS. THIS CONCENTRATION  
IS 25 TIMES HIGHER THAN T HE 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.

===== Disposal Considerations =====

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

S.

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

SARA Title III Information:INK OF THIS TYPE CONTAINS A MAXIUM 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:

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

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This information is formulated for use by elements of the Departme  
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