

NILES CHEMICAL PAINT CO. -- N3806 BLACK TY-II STENCIL INK -- 7510-00-161-0811

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

Product ID:N3806 BLACK TY-II STENCIL INK
MSDS Date:09/01/1989
FSC:7510
NIIN:00-161-0811
MSDS Number: CGXJV
=== Responsible Party ===
Company Name:NILES CHEMICAL PAINT CO.
Address:225 FORT STREET
Box:307
City:NILES
State:MI
ZIP:49120
Country:US
Info Phone Num:616-683-3377
Emergency Phone
Num:219-236-5856
Preparer's Name:MICHEAL LICHATOWICH
CAGE:02388
=== Contractor Identification ===
Company Name:NILES CHEMICAL PAINT
Address:225 FORT STREET
Box:307
City:NILES
State:MI
ZIP:49120
Country:US
Phone:616-683-3377/219-236-5856
CAGE:02388

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

Ingred Name:TOLUENE (VP = 22 @ 20C)
CAS:2037-26-5
Fraction by Wt: 36.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:100 PPM/STEL 150

Ingred Name:ALKYD RESIN
CAS:6

3148-69-6
Fraction by Wt: 14.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:XYLENE (SARA 313) (CERCLA) (VP = 7.0 @ 20C)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 7.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/STEL 150
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACRYLIC RESIN
CAS:29354-73-2
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:BUTYL CELLOSOLVE (VP = 0.6 @ 20C)
CAS:111-75-2
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM

Ingred Name:COBALT COMPOUND (SARA 313)
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: 41.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:2.0 MG/M3

Ingred Name:PROPRIETARY INGREDIENT
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC = 4.65 LBS/GL
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRIT, LACRIMATION, REDNESS,
BLURRED VISION. SKIN: CAN BE ABSORBED IN TOXIC AMOUNTS. INHAL:
NASAL AND RESPIRATORY IRRIT, CNS DEPRESSION, NAUSEA, HEADACHE,
VERTIGO, UNCONSCIOUS, ASPHYXIATION. INGEST: GI IRRIT, ABDOMINAL
PAIN, NAUSEA, VOMIT AND DIARRHEA.
Effects of Overexposure:CHRONIC: ANOREXIA, CORNEAL VACUOLIZATION,
INCOHERENCE
, PHOTOPHOBIA.

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

First Aid:EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: REMOVE CONTAM
CLOTHES, WASH BEFORE REUSE. WASH W/SOAP & WATER. INHAL: REMOVE TO
FRESH AIR. ARTIF RESP IF NEEDED. INGEST: CALL DR. IN ALL CASES, GET
MED AID.

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

Flash Point Method:TCC
Flash Point:40.0F,4.4C
Autoignition Temp:Autoignition Temp Text:NE
Lower Limits:0.8
Upper Limits:10.
0
Extinguishing Media:DRY CHEMICALS, FOAM AND CO2.
Fire Fighting Procedures:USE POSITIVE PRESSURE MODE SCBA W/FULL-FACE
PIECE AND PROTECTIVE CLOTHES. USE WATER TO COOL CONTAINERS. KEEP
CONTAINERS TIGHTLY CLOSED.
Unusual Fire/Explosion Hazard:VAPORS >AIR & TRAVEL TO IGNITS. CLOSED
CONTAINERS EXPLODE IN HIGH HEAT. DURING EMERGENCY CONDITIONS,
OVEREXPOSURE TO DECOMP PRODUCTS MAY CAUSE A HEALTH HAZARD.

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

Spill Release Procedures:ELIMINATE IGNITS. DIKE AND ABSORB W/INERT
MATERIAL (CLAY OR SOIL). SHOVEL RECLAIMED LIQUID & ABSORBENT INTO
RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID STORAGE AT HIGH TEMPS, NEAR FIRE
OR OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID ROUGH
HANDLING.
Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN
EMPTY. DO NOT WELD OR FLAME CUT O

N EMPTY DRUMS.

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

Respiratory Protection:USE APPROPRIATE PROPERLY FITTED RESPIRATOR DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MISTS LEVELS ARE BELOW LIMITS. FOLLOW RESPIRATOR MANUFACTURER DIRECTIONS FOR USE.

Ventilation:VENT IN VOLUME & PATTERN BELOW EXPOSURE LIMITS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEM GOGGLES/SAFETY GLASSES/FACE SHIELD

Other Protective Equipment:CLOTHES AS NEEDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING RESTROOMS.

Supplemental Safety and Health

NK

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:231 TO 330F

Decomp Temp:Decomp Text:NE

Vapor Density:>AIR

Viscosity:90-100 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS.

Percent Volatiles by Volume:84.11

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AND CAUSTICS.

Stability Condition to Avoid:HIGH TEMPERATURES AND SHOCK FROM DROPPING.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:IN ACCORDANCE W/FEDERAL, STATE AND LOCAL REGULATIONS.

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