

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 RECO

MMENDED

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 Releas
e 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:CLOTHE S 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

===== 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.

Disclaimer (provided with this information by the compiling agenc

ies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.