

NILES CHEMICAL PAINT -- N-5223 YOLLOW A/D ENAMEL -- 8010-00-527-2045

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

Product ID:N-5223 YOLLOW A/D ENAMEL

MSDS Date:10/23/1997

FSC:8010

NIIN:00-527-2045

Status Code:A

MSDS Number: CKHWT

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT ST

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377

Emergency Phone Num:219

2365856

Preparer's Name:MIKE 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:ALCALOID RESIN SOLLUTION

RTECS #:AR1000239

= Wt:45.

OSHA PEL:100PPM

ACGIH TLV:150

ACGIH STEL:150

Ingred Name:BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:27.

Other REC Limits:

VP=10MM@20C  
OSHA PEL:150  
ACGIH TLV:150  
ACGIH STEL:200  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ORGANOPHILIC CLAY  
RTECS #:OC1001130  
&lt; Wt:1.

Ingred Name:COBALT COMPOUNDS (AS CO)  
CAS:7440-48-4  
RTECS #:GF8750000  
&lt; Wt:1.  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:4MG/M3

Ingred Name:PROPRIETARY = BALANCE (MANUFACTURER STATES UNIDENTIFIED  
INGREDIENTS ARE NOT CLASSIFIED AS HAZARDOUS UNDER THE HAZARD CLASS  
COMMUNICATIONS ACT).  
RTECS #:TS1003232  
Fraction by Wt: NA

Ingred Name:ACRYLIC RESIN

CAS:29354-73-2  
= Wt:1.

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
= Wt:1.  
Other REC Limits:VP=22MM@20C.  
OSHA PEL:100  
ACGIH TLV:100  
ACGIH STEL:100  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
= Wt:2.  
Other REC Limits:VP=7.0MM@20C  
OSHA PEL:100  
ACGIH TLV:100  
ACGIH STEL:150  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:AZO PIGMENT YELLOW  
CAS:6358-31-2  
= Wt:6.

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

tes of Entry: Inhalation: YES Skin: UNKNOWN Ingestion: YES

Health Hazards Acute and Chronic: EFFECTS OF OVEREXPOSURE, ACUTE: EYES: SEVERE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS AND IRRITATION DEFATTING OF THE SHIN LEADING TO DERMATITIS. BREATHING: NASAL AND RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA HEADACHE VERTIGO POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. CHRONIC: DERMATITIS, LUNGS BLOOD INCOHERENCE CORNEAL VACUOLIZATION ANOREXIA EUPHORIA NERVOUSNESS, INSOMNIA, PARESTHESIA PHOTOPHOBIA. PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE CHRONIC HEALTH EFFECTS.

Explanation of Carcinogenicity: NONE.

Medical Conditions Aggravated by Exposure: LIVER, KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM NUISANCE DUST, BLOOD CNS, GI TRACT.

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

First

First Aid: INHALATION; MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN: WASH WITH SOAP AND WATER. EYES: IMMEDIATELY FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS: GET MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. SWALLOWING DRINK ONE OR TWO GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Point Method: TCC

Flash Point: =22.2C, 72.F

72F

Lower Limits: 0.8

Upper Limits: 7.6

Extinguishing Media: DRY CHEMICAL FOAM SO2

Fire Fighting Procedures: WEAR SCBA, WITH A FULL FACE PIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP

ND

POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DISCOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

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

Spill Release Procedures:

**SMALL SPILLS:** ELIMINATE ALL IGNITION SOURCES, MINIMIZE THE BREATHING OF VAPORS, AND SKIN CONTACT. ABSORB WITH AN INERT MATERIAL SUCH AS CLAY SOIL OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. **LARGE SPILLS:** ELIMINATE ALL IGNITION SOURCES, MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. DIKE TO PREVENT FURTHER\*

Neutralizing Agent: THREE MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL.

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

Handling and Storage Precautions: AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS 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 ON EMPTY DRUMS. SHOCK FROM DROPPING MAY SPLIT CONTAINER.

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

Respiratory Protection:

WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF MASK OR FULL FACEPIECE RESPIRATOR (NIOSH/MSCIA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation: SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'

Protective Gloves: WEAR CHEMICAL RESISTANT GLOVES

EMICAL RESISTENT (ONITRIL OF VITON) GLOVES AND CLOTHING.

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES OR CACE SHIELDS.

Work Hygienic Practices:EMPLOYEES SHOULD WAHS PROMPTLY WHEN SKIN BECOMES CONTAMINAGED. REMOVE ANY CLOTHING THAT CECOMES WET, TO AVOID FLAMABILITY HAZARD AND WAHS BEOFRRE REUSE. WAH HANDS BEFORE EATING SMOKING OR USING RESTRROM

Supplemental Safety and Health

LIMIT. REMOVE DECP,[PSOTOPM [RPDICTS FPR,ED DIROMG WE;DOMG PR F;A,E CITTOMG PF SIRFACES CPATED WOTJ

TJOS [RPDICT. FLR BAKING

FINISHES--VENT VAPORS EMITTED ON HEATING.

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

Boiling Pt:>100.C, 212.F

B.P. Text:212-398F

Vapor Density:>AIR

Spec Gravity:1.075

VOC Grams/Liter:3.07

Viscosity:70-75KU

Evaporation Rate & Reference: