

NILES CHEMICAL PAINT -- N5145 BUFF HIGH GLOSS A/D ENAMEL -- 8010-00-285-3544  
===== Product Identification =====

Product ID:N5145 BUFF HIGH GLOSS A/D ENAMEL

MSDS Date:10/23/1997

FSC:8010

NIIN:00-285-3544

Status Code:A

MSDS Number: CKHVZ

=== 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

Emergen

cy Phone Num:2192365856

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:41.

OSHA PEL:100PPM

ACGIH TLV:150

ACGIH STEL:150

Ingred Name:BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:28.

O

ther 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:BARIUM SULFATE  
CAS:7727-43-7  
RTECS #:CR0600000  
= Wt:13.

Ingred Name:YELLOW IRON OXIDE  
CAS:51274-00-1  
= Wt:5.

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

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

Routes 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

ION, CNS DEPRESSION

(DIZZINESS, DROWSINESS, WEAKNES, FATIGUE, CONFUSION, NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. CHRONIC: DERMATITIS, LUNGS, BLOOD. PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE CHRONIC HEALTH EFFECTS.

Explanation of Carcinogenicity: NONE.

Medical Conditions Aggravated by Exposure: LIVER, KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM, LUNGS, BLOOD, CNS.

=====

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

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, SO<sub>2</sub>

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 AND 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 DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

===== Accidental Release M

Precautions =====

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 COMMERCIALLY AVAILABLE ABSORBANT. 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: THERMAL 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 Control  
and 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'

ABLE EXPOSURE LIMIT OR ACGIH'

Protective Gloves: WEAR CHEMICAL RESISTENT (NITRILE OR VITON) GLOVES AND CLOTHING.

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

Work Hygienic Practices: EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET, TO AVOID FLAMABILITY HAZARD AND WASH BEFORE REUSE. WASH HANDS BEFORE EATING SMOKING OR USING RESTROOM

Supplemental Safety and Health

LIMIT. REMOVE DECONTAMINATION [PREDICTS FURTHER] FROM

G WE;DOMG PR F;A,E  
CITTOMG PF SURFACES 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:1.242

VOC Grams/Liter:3.08

Viscosity:70-85KU

Evaporation Rate & Reference: