

NILES CHEMICAL PAINT -- N5142HI GLOSS GRAY ENAMEL -- 8010-00-286-7731

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

Product ID:N5142HI GLOSS GRAY ENAMEL

MSDS Date:10/23/1997

FSC:8010

NIIN:00-286-7731

Status Code:A

MSDS Number: CKHWC

=== 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:2192365856

Preparer's Name:MIKE LICHATOWICH

CAGE:02388

=== Contra

ctor 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:47.

OSHA PEL:100PPM

ACGIH TLV:150

ACGIH STEL:150

Ingred Name:BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:29.

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:BARIUM SULFATE  
CAS:7727-43-7  
RTECS #:CR0600000  
= Wt:8.

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 UNIDENTIFIE  
INGREDIENTS ARE NOT CLASSIFIED AS HAZARDOUS UNDERT HE 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

===== 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 IRRITAITON

DEFATTING OF THE SHIN LEADING TO DERMATITUS.

BREATHING: NASAL AND REAPIRATOR Y IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNES, FATIGUE, CONFUSION0 NAUSEA HEADACHE VERTIGO POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWOLLOWING GASTROINTEXTINAL IRRITAITON, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARHEA. CHRONIC: DRRMATITUS, LUNGS BLOOD INCOHERENCE CORNEAL VACUOLIZATION ANORESIA EUPHORIA NERVOUSNESS, INSOMNIA, PARESTHESIA PHOTOPHOBIA. PROLONGED EXPOSURE TO TOLV

ENTS MA Y CAUSE

CHRONIC HEALTH EFFECTS.

Explanation of Carcinogenicity:NONE.

Medical Cond Aggravated by Exposure:LIVER KIDNEYS EYES SKIN RESPIRATORY SYSTEM LUNGS BLOOD CNS. GI TRACT.

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

First Aid:INHALATION; MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SON AS POSIBLE. SKIN: WASH WITH SOAP AND WWTER. EYES: IMMEDIATELY FLUSH EYES WITH A LAR GE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCATIONALLY LIFTING UPPER AND LOWER LIDS: GETR MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKKINGN WITH THIS MAT ERIAL. SWOLOWING DRINK ONE OR TWO GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL ENTER IMEDIATELY. TEEAT SYMPTOMATICALLY.

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

Flash Point Method:TCC

Flash Point:=4.4C, 40.F 40F

Lower Limits:0.8

Upper Limits:7.6

Extinguishing Media:DRY CHEMICAL FOAM SO2

Fire Fighting Procedures:WEAR SCBA, WITH A FUL FACE PIECE OPPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTICE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE AUTOIGNITION OR EXPLOSINON WHEN EXPODED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURGACES REQUIEES SPECIAL PRECAUTIONS. DURING

EMERGENCY CONDITIONS, OVEREXPOSURE TO  
DECOMPOSITION PROCESSES 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 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:THREAT 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/MSRIA) 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 (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 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:1.139  
VOC Grams/Li  
ter:3.09  
Viscosity:70-85KU  
Evaporation Rate & Reference: