

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

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Product Identification  
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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:2

192365856

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

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Composition/Information on Ingredients  
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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 Limit

s: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 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

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE, ACUTE: EYES:  
SEVERE IRRITATION, LACRIM

ATION, 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, I

NSOMNIA,

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 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 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:-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 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. APPL

ICATION TO HOT SURGACES REQUIEES

SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVERECPOSURE TO DICOMPOSITION PROCUCES AMAY CAUSE A H HEALTH HAZARD. SYMPTOMES MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

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

Spill Release Procedures:SMALL SPILLS: ELIMNATE ALL IGNITION SOURCES, MIIMIZE THE BREATHING OF VAPORS, AND SKIN CONTACT. ABSORB WITH AN INIRS MATERIAL SUCH AS CLAY SOIL OR A COMERCIALY AVAI  
LABLE

ABSORBANT. SHOVEL RECLAIMED L LIQUID INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES, MIMINIZE THE BREATHING OF VAPROS AND AVOID SKIN CONTACT. DIKE TO PREVENT FUR\*

Neutralizing Agent:THRER MOVEMENT AND RECLAM INTO RECOVERY OR SALVAGE FRUMS OR TANK TRUCK FOR DISPOSAL.

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

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR O PEN 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:WAEAR A APPROPRIATE (TYPE TC-23C-75) PROPPERLY FITTED HALF MASK OR FULL FACEPIECE RESPIRATOR (NIOSH/MSCIA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW A PPLICABLE LIMITS. FOLLOW RESPIRATOR MAUFACTURER'S DIRRECTIONS FOR USE.

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

Protective Gloves:WEAR CHEMICAL RESISTENT (0NITRIL OF VITON) GLOVES AND CLOTHING.

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

Work Hygienic Practices:EMPLOYEES SHOULD WAHS

PROMPTLY WHEN SKIN

BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET, TO AVOID FLAMABILITY HAZARD AND WAHS BEFORE REUSE. WASH HANDS BEFORE EATING SMOKING OR USING RESTROOM

Supplemental Safety and Health

LIMIT. REMOVE DECP, [PSOTOPM [RPDICTS FPR, ED DIROMG 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:1.139

VOC Grams/Liter:3.09

Viscosity:70-85KU

Evaporation Rate & Reference: