

NILES CHEMICAL PAINT CO -- N-5116 BROWN H/S SI ALKYD -- 8010-01-344-6700

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Product Identification
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Product ID:N-5116 BROWN H/S SI ALKYD

MSDS Date:05/20/1993

FSC:8010

NIIN:01-344-6700

MSDS Number: BSHPY

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT CO

Address:3RD AND FORT ST

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3370 OR 219-236-5856

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y Phone Num:616-683-3370 OR 219-236-5856

Preparer's Name:MICHAEL 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:HIGH SOLIDS SILICONE (VAPOR PRESSURE 1.5 MM HG @ 20C)

Fraction by Wt: 29%

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL SPIRITS

CAS:8052-4

1-3
RTECS #:WJ8925000
Fraction by Wt: 17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:VM&P NAPHTHA HI FLASH (VAPOR PRESSURE 15 MM HG @ 37.7C)
Fraction by Wt: 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:350 PPM

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED

Ingred Name:COBALT COMPOUNDS (AS CO) (SARA 313)
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:PROPRIETARY INGREDIENTS
Fraction by Wt: BALANCE
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 2.80 LBS/GAL.
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION, LACRIMATION,
REDNESS, BLURRED VISION. SKI

N: REDNESS, IRRITATION, DEFATTING OF THE SKIN LEADING TO DERMATITIS. INHALATION: NASAL, RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION.

Effects of Overexposure:INGESTION: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. NO KNOWN CHRONIC EFFECTS OF OVEREXPOSURE.

Medical Cond Aggravated by Exposure:NONE KNOWN

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First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. WASH AFFECTED AREAS WITH SOAP & WATER. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY OPENING EYELIDS. GET MEDICAL ATTENTION. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS MATERIAL. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

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Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:107F,42C

Lower Limits:0.8

Upper Limits:0.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED IN + PRESSURE MODE & FULL PROTECTIVE CLOTHING. WATER COOL CLSD CNTNRS PREVENT PRESSURE BUILDUP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND TO AN IGNITION

SOURCE. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT

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Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. MINIMIZE THE BREATHING OF VAPORS & AVOID SKIN CONTACT. ABSORB W/INERT MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID & ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.

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Handling and Storage =====

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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. CONTAINERS OF THIS
Other Precautions: MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DON'T WELD OR FLAME CUT ON EMPTY DRUMS. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

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

Respiratory Protection:

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

Ventilation: SUFFICIENT VENTILATION IN VOLUME/PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT EXPOSURE LIMIT.

Protective Gloves: CHEMICAL RESISTANT, NITRILE, VITON

Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES

Other

Protective Equipment: FACE SHIELD IF POTENTIAL FOR EYE CONTACT.

EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED.

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING OR USING RESTROOM. REMOVE & WASH CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health

DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

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

HCC: F4

Boiling Pt: B.P. Text: 285 TO 398F

Vapor Density: > AIR

Spec Gravity: 1.346

Viscosity: 100 KU MAX

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: SLIGHT

Appearance and Odor: LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume: 42.08

Corrosion Rate: MINIMAL

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: THIS MATERIAL HAS

BEEN FOUND TO BE STABLE
UNDER REASONABLE CONDITIONS OF STORAGE AND USE.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND/OR
CARBON DIOXIDE

Conditions to Avoid Polymerization:HIGH TEMPERATURES, SHOCK FROM
DROPPING

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL,
STATE & FEDERAL REGULATIONS.

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