

NILES CHEMICAL PAINT CO -- N-5174 FLAT BLACK H/S SILICONE -- 8010-01-356-2938

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Product Identification
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Product ID:N-5174 FLAT BLACK H/S SILICONE

MSDS Date:04/29/1993

FSC:8010

NIIN:01-356-2938

MSDS Number: BRKNJ

=== 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 219-236-585

6

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

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:HIGH SOLIDS SILICONE (VAPOR PRESSURE 1.5 MM HG @ 20C)

Fraction by Wt: 26%

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL SPIRITS

CAS

:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:VM&P NAPHTHA HI FLASH (VAPOR PRESSURE 15 @ 37.7C)
Fraction by Wt: 6%
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
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:COBALT COMPOUNDS
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3;AS CO
ACGIH TLV:0.05 MG/M3;DUST 9293

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:ACU

TE: EYES: SEVERE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION. SKIN: 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 ASPHYX.

Effects of Overexposure:INGESTION: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

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===== First Aid Measures =====
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First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH W/WATER. WASH WITH SOAP & WATER. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL. TREAT SYMPTOMAT.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:107F,42C

Lower Limits:0.8

Extinguishing Media:DRY CHEMICAL, FOAM, CO2.

Fire Fighting Procedures:WEAR SCBA. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP & POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:ISOLATE FROM ALL HEAT. DURING EMERGENCY CONDITION, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS NOT IMMEDIATE/DELAYED. GET

T MEDICAL ATN

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===== Accidental Release Measures =====
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Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS. AVOID SKIN CONTACT. ABSORB WITH INERT MATERIAL SUCH AS CLAY, SOIL,OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL

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===== Handling and Storage =====
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Handling and Storage Precautions:AVOID STORAGE IN HIGH

H TEMPERATURE

AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINER 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.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OF FULL FACEPEICE RESPIRATOR (NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST

LEVELS ARE BELOW APPLI CABLE LIMITS. FOLLOW RESP MANUF. DIRECT.

Ventilation:SUFFICIENT VENTILATION IN VOLUME & PATTERN SHOULD BE PROVIDED TO KEEP AIR CONCENTRATION BELOW OSHA PERMIS. EXPO LIMITS.

Protective Gloves:NITRILE, VITON, CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOG.,SAFETY GLASSES,FACE SHIELD

Work Hygienic Practices:REMOVE & WASH CONTAMINTAED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOMS.

Supplemental Safety and Health

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

HCC:F4

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

Vapor Density:> AIR

Spec Gravity:1.371

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:42.19

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.

Hazardous Decomposition P

roducts:CAN PRODUCE CARBON MONOXIDE AND/OR
CARBON DIOXIDE.

Conditions to Avoid Polymerization:HIGH TEMPERATURES. SHOCK FROM
DROPPING.

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

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

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