

NILES CHEMICAL PAINT CO -- N5291 HIGH GLOSS BLUE ENAMEL -- 8010-00-853-1859

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Product Identification  
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Product ID:N5291 HIGH GLOSS BLUE ENAMEL

MSDS Date:12/20/1995

FSC:8010

NIIN:00-853-1859

MSDS Number: BZSWG

=== 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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ergency 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:ALKYD RESIN SOLUTION

CAS:68459-31-4

Fraction by Wt: 52.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/STEL 200 PPM

Ing

red Name: BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20C)  
CAS: 123-86-4  
RTECS #: AF7350000  
Fraction by Wt: 30.0%  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 150 PPM/STEL 200 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

Ingred Name: BARIUM SULFATE (SARA 313)  
CAS: 7727-43-7  
RTECS #: CR0600000  
Fraction by Wt: 5.0%  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 5 MG/M3  
ACGIH TLV: 10 MG/M3

Ingred Name: ORGANOPHYLIC CLAY  
CAS: 71011-25-1  
Fraction by Wt: < 1%  
Other REC Limits: NONE SPECIFIED

Ingred Name: COBALT COMPOUNDS (AS CO)  
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: 2.0 MG/M3; DUST 9293

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

Ingred Name: VOC: 3.00 LB/GAL  
RTECS #: 9999999VO  
Other REC Limits: NONE SPECIFIED

===== 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:ACUTE: EYES: SEVERE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS, IRRITATION. DEFATTING OF SKIN LEADING TO DERMATITIS. INHALE: NASAL & RESP IRRITATION, CNS DEPRESSION. DIZZINESS, DR OWSINESS, WEAKNESS, FATIGUE, CONFUSION.NAUSEA, HEADACHE, VERTIGO, UNCONSCIOUSNESS, ASPHYXIATION. CHRONIC DERMATITIS.\*

Explanation of Carcinogenicity:NA

Effects of Overexposure:\*INGESTION: GASTROINTESTINAL IRRITATION, ABDOMI

NAL PAIN, NAUSEA, VOMITING, DIARRHEA. TARGET ORGANS: LIVER, KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM, CNS, GI TRACT, BLOOD. CHRONIC EFFECTS OVEREXPOSURE: DERMATITIS, INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHAL: GET FRESH AIR. RESTORE BREATHING. GET MED AID IMMED. SKIN: IMMED FLUSH SKIN W/WATER. IF MATERIAL PENETRATES CLOTHING REMOVE & WASH BE FORE REUSE. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH E YES WITH LOTS WATER > 15 MINS, LIFTING EYELIDS OCCASIONALLY. GET MED AID IMMED. INGEST: DRINK 1-2 GLASSES WATER. DON'T INDUCE VOMITING. SEE DR/POINSON CONTROL CTR IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Point Method:TCC  
Flash Point:72.0F,22.2C  
Lower Limits:0.8  
Upper Limits:7.6  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2.  
Fire Fighting Procedures:WE AR SCBA W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. WATER USED TO COOL CLSD CNTNRS TO PREVENT BUILDUP & POSSIBLE AUTO IGNITION OR EXPLO EXPOS TO HEAT Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. VAPORS > AIR TRAVEL ALONG GRND TO AN IGNITION SOURCE. ISOLATE FM ALL HEAT TYPES. CLSD CNTNRS MAY EXPLODE EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. DON'T BREATH

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VAPORS. AVOID SKIN CONTACT. ABSORB WITH INERT MATERIAL. SHOVEL RECLAIMED INTO DRUMS FOR DISPOSAL. DIKE TO PREVENT FURTHER MOVEMENT & RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL.

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===== 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.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OF FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITORING KEEPS VAPOR/MIST BELOW APPLICABLE LEVELS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS.

Ventilation:SUFFICIENT VENT IN VOLUME/PATTERN TO KEEP AIR CONCENTRATION

BELOW ACGIH'S TLV LIMIT.

Protective Gloves:CHEMICAL RESISTANT, NITRILE, VITON

Eye Protection:CHEMICAL/SAFETY GLASSES, FACE SHIELD

Other Protective Equipment:CLOTHING AS NEEDED TO PREVENT SKIN CONTACT

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, USING RESTROOMS. REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DON'T WEAR CONTACT LENSES WHEN WORKING WITH THIS MATERIAL.

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

HCC:F3

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Boiling Pt:B.P. Text:212 TO 398F

Decomp Temp:Decomp Text:NE

Vapor Density:> AIR

Spec Gravity:1.090

pH:NA

Viscosity:70-75 KU

Evaporation Rate & Reference:< ETHER

Solubility in Water:YES

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:40.99

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SHOCK

K FROM DROPPING.

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

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

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

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