

NILES CHEMICAL PAINT CO -- N5222 ORANGE A/D ENAMEL, 12197 -- 8010-00-527-3202

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Product Identification
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Product ID:N5222 ORANGE A/D ENAMEL, 12197

MSDS Date:12/20/1995

FSC:8010

NIIN:00-527-3202

MSDS Number: BZSVT

=== 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

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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:ALKYD RESIN SOLUTION

CAS:68459-31-4

Fraction by Wt: 43.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/STEL 200 PPM

Ingred Name:BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20C)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 31.0%
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: 9.0%
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:PROPIETARY INGREDIENTS
Fraction by Wt: BALANCE
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 3.07 LB/GAL
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:ACRYLIC RESIN
Fraction by Wt: 2.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.

===== Hazards Ident

fication =====

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,
ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. TARGET ORGANS: LIVER,
KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM, NUISANCE DUST, CNS.
CHRONIC EFFECTS OVEREXPOSURE: DE RMATITIS, INCOHERENCE, CORNEAL
VACUOLIZATION, ANOREXIA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHAL: GET FRESH AIR. RESTO
RE BREATHING. GET MED AID IMMED.

SKIN: IMMED FLUSH SKIN W/WATER. IF MATERIAL PENETRATES CLOTHING
REMOVE & WASH BEFORE 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.

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

Flash Point Method:TCC

Flash Poi

nt:2.0F,22.2C

Lower Limits:0.8

Upper Limits:7.6

Extinguishing Media:DRY CHEMICAL, FOAM, CO2.

Fire Fighting Procedures:WEAR 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 BREATHE 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.

===== 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.

===== 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.

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

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

Decomp Temp:Decomp Text:NE

Vapor Density:> AIR

Spec Gravity:1.115

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:41.93

Corrosion Rate:MINIMAL

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

Stability Indicator/Materia

Is to Avoid: YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

Stability Condition to Avoid: HIGH TEMPERATURES, SHOCK 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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