

STIC-ADHESIVE PRODUCTS CO INC -- ENAMEL, NONFLAMING (DRY) CHLORINATED ALKYD
SEMI-GLOSS -- 8010-01-344-5093

===== Product Identification =====

Product ID:ENAMEL, NONFLAMING (DRY) CHLORINATED ALKYD SEMI-GLOSS

MSDS Date:02/01/1998

FSC:8010

NIIN:01-344-5093

Status Code:A

MSDS Number: CJGDH

=== Responsible Party ===

Company Name:STIC-ADHESIVE PRODUCTS CO INC

Address:3950 MEDFORD ST

City:LOS ANGELES

St

ate:CA

ZIP:90063-1675

Country:US

Info Phone Num:213-268-2956

Emergency Phone Num:213-268-2956

CAGE:1BH90

=== Contractor Identification ===

Company Name:STIC-ADHESIVE PRODUCTS CO INC

Address:3950 MEDFORD ST

Box:City:LOS ANGELES

State:CA

ZIP:90063-1675

Country:US

CAGE:1BH90

===== Composition/Information on Ingredients =====

Ingred Name:BARIUM METABORATE

CAS:13701-59-2

Fraction by Wt: 15.0%

Other REC Limits:5 MG/M3

OSHA PEL:TOTAL DUST

ACGIH TLV:TOTAL DUST

Ingred Name:TITANIUM D

IOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 21.0%
Other REC Limits:10 MG/M3
OSHA PEL:TOTAL DUST
ACGIH TLV:TOTAL DUST

Ingred Name:ZINC PHOSPHATE
CAS:7779-90-0
RTECS #:TD0590000
Fraction by Wt: 16.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYMER BASE CHLOROENDIC ALKYLOID
RTECS #:BP1008526
Code:F
Fraction by Wt: 35.0%

Ingred Name:TRADE SECRET: REGISTRY #41-0177680-5000 381 P (NJAPA)
RESIN SOLUTION
RTECS #:RS1010182
Code:F

Ingred Name:PAINT THINNER
CAS:8052-41-3
Fraction by Wt: 9.0%
OSHA PEL:100 PPM TWA
ACGIH TLV:100 PPM TWA

Ingred Name:DRIERS
CAS:136-52-7
Fraction by Wt: 3.0%

Ingred Name:LEVELING AGENT
RTECS #:LA1001685
Code:F

Ingred Name:ANTISKINNING AGENT
Fraction by Wt: 1.0%

Ingred Name:THIXATROPIC AGENT
RTECS #:TA1000608
Code:F

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

Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE IRRITATION. SKIN:
PRIMARY IRRITATION. HARMFUL IF ABSORBED THRU SKIN.
PROLONGED/REPEATED CONTAC

T: ALLERGIC SKIN REACTION. INHAL: HARMFUL
IF INHALED. IRRITATES EYES/NOSE/THROAT & LUNGS. HIGH VAPOR
CONCENTRATIONS MAY CAUSE IRRITATION OF RESPIRATORY SYSTEM &
PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. INTENTIONAL MIUSE CAN BE
HARMFUL OR FATAL. CHRONIC: AVOID LONG TERM/REPEATED CONTACT .

Explanation of Carcinogenicity:SEE TOXICOLOGICAL SECTION FOR DETAILS

Effects of Overexposure:EYE WATERING, HEADACHES, NAUSEA, DIZZINESS,
LOSS OF COORDINATION ARE INDICATIONS THAT SOLVENT LEVELS

ARE TOO

HIGH. REDNESS/ITCHING/BURNING SENSATION/VISUAL DISTURBANCES MAY
INDICATE EXCESSIVE EYE CONTACT. DRYNESS/ITCHING/CRACKING/BURNING
REDNESS/SWELLING: EXCESSIVE SKIN CONTACT.

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

First Aid:IF SWALLOWED: GIVE 1 OR 2 GLASSES OF WATER. DO NOT INDUCE
VOMITING. KEEP PERSON WARM, QUIET, AND GET IMMEDIATE MEDICAL ATTENTION.
EYES: FLUSH WITH WATER FOR 30 MINUTES, LIFTING LIDS TO RINSE ENTIRE
EYE. CALL DR IMMEDIATELY.

SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER, THEN
FOLLOW WITH SOAP & WATER. CALL DR. INHALATION: REMOVE TO FRESH AIR.
APPLY SUPPORTIVE MEASURES AS REQUIRED. OTHER: IF INGESTED: ANY TYPE
OF OVEREXPOSURE/SYMPTOMS OF OVEREXPOSURE OCCUR DURING/FOLLOWING
USE OF PRODUCT, CONTACT POISON CONTROL CENTER, EMERGENCY ROOM, OR
PHYSICIAN IMMEDIATELY. HAVE MSDS INFO AVAILABLE.

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

Flash Point Method:TCC

Flash Point:=-40.6C, 105.F

Autoignition

Temp:Autoignition Temp Text:NA

Extinguishing Media:USE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
CLASS B EXTINGUISHERS (FOAM, CO2, DRY CHEMICAL) DESIGNED TO
EXTINGUISH NFPA CLASS IC FLAMMABLE LIQUID FIRE.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY
MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP
AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME
HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FIRE FIGHTERS

WEAR SCBA.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY ON HOT SURFACES. TOXIC GASES MAY FORM WHEN PRODUCT IS CONTACTED BY FLAME OR HOT SURFACES.

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

Spill Release Procedures:PROVIDE MAXIMUM VENTILATION. ONLY PERSONEL W/PROPER RESPIRATORY/SKIN/EYE PROTECTION S HOULD BE PERMITTED IN AREA. REMOVE ALL SOURCES OF IGNITION. PICK UP SPILLED MATERIAL W/SAWDUST, VERMICULITE, OR OT HER ABSORBENT & PLACE INTO CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDING DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS IC FLAMMABLE LIQUIDS.

Other Precautions:IF THIS MATERIAL IS PART OF A MULTIPLE COMPONENT SYSTEM, READ THE MATERIAL SAFETY DATA SHEET FOR THE OTHER COMPONENT(S) BEFOER BLENDING, AS THE RESULTING MIXTURE MAY HAVE THE HAZARDS OF ALL OF ITS PAR TS. CONTAINERS SHOULD BE GROUNDED WHEN Poured. AVOID FREE FALL OF LIQUIDS IN EXCESS OF FEW INCHES.

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

Respiratory Protection:ENSURE VENTILATION CONTROLS, VAPOR EXHAUST, OR FRESH AIR ENTRY. NIOSH/MSHA APPROVED 9TC-23C AIR PURIFYING OR AIR SUPPLIED TC-19C RESPIRATORS MA Y ALSO REDUCE EXPOSURE.

Ventilation:GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERNED TO KEEP INGREDIENTS BELOW SUGGESTED LIMITS IN THIS MSDS.

Protective Gloves:IMPERIABLE, NITRILE, RUBBER, NEOPRENE

Eye Protection:CHEMICAL TYPE SPLASH GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment:CLEAN OR DISCARD CONTAMINATED CLOTHING AND SHOES.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:310 TO 3

90 F @ 760 MM
Melt/Freeze Pt:M.P/F.P Text:NA
Vapor Pres:2.00 MM HG @ 68 F
Vapor Density:4.9 AIR =1
Spec Gravity:1.62 - 1.65
VOC Pounds/Gallon:340
pH:NA
VOC Grams/Liter:2.8
Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES, STRONG MINERAL ACIDS, OR STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products:MAY PRODUCE HAZ DECOMP PRODUCTS WHEN
HEATED. WELDING, BRAZING, OR FLAME CUTTING MAY PRODUCE F
UMES,
INCLUDING CABON MONOXIDE, HYDROGEN CHLORIDE GAS.

===== Toxicological Information =====

Toxicological Information:AVOID LONG TERM AND REPEATED CONTACT. THIS
PRODUCT CONTAINS TITANIUM DIOXIDE. ANIMALS INHALING MASSIVE
QUANTITIES OF TITANIUM DIOXIDE DUST IN A LONG TERM STUDY DEVELOPED
LUNG TUMORS. STUDIES W/ HUMANS INVOLVED W/ MANUFACTURE OF THIS
PIGMENT INDICATE NO INCREASED RISK OF CANCER FROM EXPOSURE.
POTENTIAL FOR INHALATION OF TITA
NIUM DIOXIDE DUSTS FROM COATINGS IS
VERY LIMITED. SINCE OVEREXPOSURES ARE NOT EXPECTED, THERE ARE NO
SIGNIFICANT HAZARD FOR MAN. *CONTINUED UNDER ECOLOGICAL SECTION

===== Ecological Information =====

Ecological:THIS PRODUCT CONTAINS A LOW LEVEL OF FORMALDEHYDE ON THE
BASIS OF LONG TERM EXPOSURE OF ANIMALS TO HIGH LEVELS NTP, IARC,
AND OSHA ASSOCIATE FORMALDEHYDE WITH AN INCREASED RISK OF CANCER.
RECENT STUDI ES WITH HUMANS SHOW NO CORRELAT
ION BETWEEN EXPOSURE TO
FORMALDEHYDE AND INCREASED CANCER RISK.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/LOCAL, STATE, FEDERAL
REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF
THROUGH APPROVED WASTE MANAGEMENT FACILITY.

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