

STIC-ADHESIVE PRODUCTS CO INC -- ENAMEL, NONFLAMING(DRY)CHLORINATED ALKYLOID  
RESIN, SEMIGLOSS -- 8010-01-344-5086

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Product Identification  
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Product ID:ENAMEL, NONFLAMING(DRY)CHLORINATED ALKYLOID RESIN, SEMIGLOSS

MSDS Date:02/01/1998

FSC:8010

NIIN:01-344-5086

Status Code:A

MSDS Number: CJJBD

=== Responsible Party ===

Company Name:STIC-ADHESIVE PRODUCTS CO INC

Address:3950 MEDFORD ST

City:

LOS ANGELES

State:CA

ZIP:90063-1675

Country:US

Info Phone Num:213-268-2956

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients  
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Ingred Name:BARIUM METABORATE MONOHYDRATE

CAS:13701-59-2

Fraction by Wt: 15.0%

Other REC Limits:5 MG/CU.M

OS

HA PEL:TOTAL DUST  
ACGIH TLV:TOTAL DUST

Ingred Name:TITANIUM DIOXIDE  
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:DRIERS, UNSPECIFIED  
Fraction by Wt: 3.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CHLORENDIC ALKYLOID  
Fraction by Wt: 35.0%

Ingred Name:RESIN SOLUTION TRADE SECRET REGIST  
RY  
#41-0177680-5000381P(NJAPA)

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

Ingred Name:LEVELING AGENT

Ingred Name:ANTI-SKINNING AGENT  
Fraction by Wt: 1.0%

Ingred Name:THIXATROPIC AGENT

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. SKIN: PRIMARY  
SKIN IRRITATION. HARMFUL IF ABSORBED THRU SKIN. PROLONGED/REPEATED  
CONTACT: ALLERGIC SKIN REACTION. INHAL:VAPO

R/SPRAY MIST HARMFUL IF

INHALED. VAPOR IRRITATES EYES/NOSE/THROAT/LUNGS. REPEATED EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY IRRITATE RESPIRATORY SYSTEM & PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. DELIBERATE MISUSE CAN BE HARMFUL OR FATAL.

Explanation of Carcinogenicity: THIS PRODUCT CONTAINS A LOW LEVEL OF FORMALDEHYDE. NTP, IARC, & OSHA ASSOCIATE FORMALDEHYDE W/ AN INCREASED RISK OF CANCER.

Effects of Overexposure: EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, & LOSS OF CO

ORDINATION INDICATE THAT SOLVENT LEVELS ARE TOO HIGH.

REDNESS, ITCHING, BURNING SENSATION, VISUAL DISTURBANCES MAY INDICATE EXCESSIVE EYE CONTACT. DRYNESS, ITCHING, CRACKING, BURNING, REDNESS, SWELLING ARE CONDITIONS ASSOCIATED W/ EXCESSIVE SKIN CONTACT.

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

First Aid: INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 1 OR 2 GLASSES OF WATER TO DRINK. KEEP PERSON WARM & QUIET. GET IMMEDIATE MEDICAL ATTENTION.

EYES: FLUSH WITH WATER FOR 30 MINUTES, LIFTING LIDS TO RINSE ENTIRE EYE. CALL DR IMMEDIATELY. SKIN: FLUSH W/ COPIOUS AMOUNTS OF WATER, THEN FOLLOW W/ SOAP & WATER. CALL DR. INHALATION: REMOVE TO FRESH AIR. APPLY CPR/OXYGEN IF NECESSARY. OTHER: IF INGESTION ANY TYPE OF OVEREXPOSURE OR SYMPTOMS OF OVEREXPOSURE OCCUR DURING/FOLLOWING PRODUCT USE, CONTACT POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN IMMEDIATELY. HAVE MSDS INFORMATION AVAILABLE.

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===== 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 CLASS B EXTINGUISHERS (CO<sub>2</sub>, DRY CHEMICAL, OR UNIVERSAL AQUEOUS FILM FORMING FOAM) DESIGNED TO EXTINGUISH NFPA CLASS IC FLAMMABLE LIQUID FIRES

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP & POSSIBLE

AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

IF WATER IS USED, FOG NOZZLES ARE PREFERRED. FIRE FIGHTERS SHOULD WEAR SCBA.

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

===== Accidental Release Measures =====  
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Spill Release Procedures:PROVIDE MAXIMUM VENTILATION. ONLY PERSONEL W/ PROPER RESPIRATORY & SKIN/EYE PROTECTION SHOULD BE PERMITTED IN AREA. REMOVE ALL IGNITION SOURCES. TAKE UP SPILLED MATERIAL W/ SAWDUST, VERMICULITE OR OTHER ABSORBENT MATERIAL & PLACE IN CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120 F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED & PROTECTED FOR OR STORAGE OF NFPA CLASSIC FLAMMABLE LIQUIDS.

Other Precautions:IF THIS MATERIAL IS PART OF MULTIPLE COMPONENT SYSTEM, READ MSDS(S) FOR THE OTHER COMPONENT(S) BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE THE HAZARDS OF ALL OF ITS PARTS. GROUND CONTRS WHEN POURING. AVOID FREE FALL OF LIQUIDS IN EXCESS OF A FEW INCHES.

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

Respiratory Protection:ENSURE VENTILATION CONTROLS, VAPOR EXHAUST, OR FRESH AIR ENTRY. NIOSH/MESHA-APPROVED 9TC-23C AIR PURIFYING OR AIR SUPPLIED (TC-19C) RESPIRATORS REDUCE EXPOSURES. READ RESPIRATOR MANUFACTURER'S INSTRUCTIONS & LITERATURE CAREFULLY TO DETERMINE THE TYPE OF AIRBORNE CONTAMINANTS AGAINST WHICH THE RESPIRATOR IS EFFECTIVE & HOW IT IS TO BE PROPERLY FITTED.

Ventilation:GENERAL DILUTION OR LOCAL EXHAUST IN VOLUME & PATTERN TO KEEP CONCENTRATIONS < LOWEST EXPOSURE LIMITS, LEL < STATE LIMIT,& REMOVE DECOMP PRODS WHEN WELDING

Protective

Gloves:IMPERMIABLE GLOVES OF NITRILE OR NEOPRENE.  
Eye Protection:CHEMICAL SPLASH GOGGLES, FACE SHIELD  
Other Protective Equipment:CLEAN OR DISCARD CONTAMINATED CLOTHING &  
SHOES. WEAR IMPERIABLE CLOTHING SUFFICIENT TO COVER EXPOSED SKIN  
SURFACES (NITRILE OR NEOPRENE).  
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:310 TO 390F @ 760 MM H  
Melt/Freeze Pt:M.P/F.P Text:NA  
Vapor Pres:2.000 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 ALKYLIES, STRONG MINERAL ACIDS, OR STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products:MAY PRODUCE HAZ DECOMP PRODUCTS WHEN  
HEATED. WELDING, BRAZING, OR FLAME CUTTING MAY PRODUCE FUMES  
INCLUDING CO, AND/OR HYDROGEN CHLORIDE GAS.  
Conditions to Avoid Polymerization:STRON  
G OXIDIZING AGENTS.

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

Toxicological Information:AVOID LONG TERM & REPEATED CONTACT. THIS  
PRODUCT CONTAINS TITANIUM DIOXIDE. ANIMALS INHALING MASSIVE  
QUANTITIES OF TITANIUM DIOXIDE DUST DEVELOPED LUNG TUMORS. STUDIES  
W/ HUMANS INDICATE NO INCREASED RISK OF CANCER. POTENTIAL FOR  
INHALATION OF TITANIUM DIOXIDE DUSTS FROM COATINGS IS VERY LIMITED.  
SINCE OVEREXPOSURES ARE NOT EXPECTED, THERE IS NO SIGNIFICANT HAZ  
  
FOR MAN. THIS PRODUCT CONTAINS LOW LEVEL OF FORMALDEHYDE. BASED ON  
ANIMAL STUDIES, NTP, IARC, & OSHA ASSOCIATE FORMALDEHYDE  
W/INCREASED RISK OF CANCER. RECENT STUDIES W/HUMANS SHOW NO  
CORRELATION BETWEEN FORMALDEHYDE & INCREASED CANCER RISK.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/LOCAL, STATE, FEDERAL  
REGULATIONS. RECYCLE EMPTY CONTAINERS OR DISPOSE OF THROUGH  
APPROVED WASTE MANAGEMENT FACILIT

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