

STIC-ADHESIVE PRODUCTS CO INC -- ENAMEL, NONFLAMING (DRY) CHLORINATED ALKYD
SEMI-GLOSS -- 8010-01-344-5099

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

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

MSDS Date:02/01/1998

FSC:8010

NIIN:01-344-5099

Status Code:A

MSDS Number: CJGDM

=== Responsible Party ===

Company Name:STIC-ADHESIVE PRODUCTS CO INC

Address:3950 MEDFORD ST

City:LOS ANGELES

Sta

te:CA

ZIP:90063-1675

Country:US

Info Phone Num:213-268-2956

Emergency Phone Num:213-268-2956

CAGE:1BH90

=== Contractor Identification ===

Company Name:GENERAL SERVICES ADMIN, ENG & COMMODITIES MGMT DIV

Address:ATTN: 9FTE-10, 400 15TH ST, S.W.

Box:1901

City:AUBURN

State:WA

ZIP:98001

Country:US

Phone:206-931-7881

CAGE:SO007

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 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: 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 Identifica

tion =====

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

SEED 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 SHOULD BE PERMITTED IN AREA. REMOVE ALL SOURCES OF IGNITION. PICK UP SPILLED MATERIAL W/SAWDUST, VERMICULITE, OR OTHER ABSORBENT & PLACE INTO CONTAINERS FOR DISPOSAL.

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

Other Precautions:

===== 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 MAY 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:>154.4C, 310.F

B.P. Text:310-390 F AT 760 MM HG

Vapor Pres:2.000 MMHG AT 68 F

Vapor Density:4.9

Spec Gravity:1.62-1.65

VOC Pounds/Gallon:340

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG ALKALIS, STRONG MINERAL ACIDS, OR STRONG

OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID CONTACT WITH STRONG ALKALIS, STRONG MINERAL ACIDS, OR STRONG OXIDIZING AGENTS.

=====
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 CORRELATION BETWEEN EXPOSURE TO FORMA LDEHYDE AND INCREASED CANCER RISK.

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

Waste Disposal Methods:

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek compe tent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.