

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION.****W. F. Taylor Co., Inc.**

11545 Pacific Avenue  
 Fontana, CA 92337-8228  
 951/360-6677  
 CHEMICAL EMERGENCY HOTLINE 1-800-535-5053

PRODUCT NAME: **OSCODA PROTECT ALL 127 TWO PART EPOXY**  
 ITEM NUMBER: 502-1-OS  
 ITEM DESCRIPTION: Oscoda Protect-All 127 1-gal  
 PRODUCT DESCRIPTION: PART A: OFF WHITE SOFT PASTE, PART B: TAN SOFT PASTE  
 CHEMICAL FAMILY: EPOXY AND AMIDOAMINE  
 REVISION DATE: 07/09/02  
 MANUFACTURED FOR: OSCODA PLASTICS, INC.  
 ADDRESS: 5585 N. HURON AVE.  
 P.O. BOX 189  
 OSCODA, MI 48750-0189  
 PHONE NO.: (800) 544 - 9538  
 EMERGENCY PHONE NO: (800) 535 - 5053  
 CHEMICAL NAMES, COMMON NAMES: EPOXY  
 MANUFACTURER'S CODE IDENTIFICATION: BAL 127-5  
 TRADE NAME: EPOXY ADHESIVE

HMIS HAZARD RATING	PART A	PART B
LEAST: 0	HEALTH: 2	2
SLIGHT: 1	FLAMMABLE: 1	1
MODERATE: 2	REACTIVITY: 0	0
HIGH: 3		
EXTREME: 4		

PREPARED BY: DARWIN C. REGIS  
 PREEMPTS PREVIOUS MSDS SHEETS

**SECTION II HAZARDOUS INGREDIENTS**

<u>COMPONENT/CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% WT</u>	<u>NOTES</u>
EPICHLOROHYDRIN/BISPHENOL A 25068-38-6	NE	NE	50-60	
CASTOR OIL GLYCIDYL ETHER 74398-71-3	NE	NE	0-5	SARA Rep.
PART A (ABOVE)				

TOFA-TEPA REACTION PRODUCT 68953-36-6	NE	NE	40-50	SARA REP.
TEPA 112-57-2	NE	NE	5-10	SARA REP.
PART B (ABOVE)				

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**SECTION III PHYSICAL DATA - PART A**

BOILING POINT: > 392 DEGREES F  
SPECIFIC GRAVITY: 1.4 - 1.6  
SOLUBILITY IN WATER: SLIGHT  
EVAPORATION RATE(nBuAc=1): NA  
VAPOR DENSITY(AIR=1): NA  
VAPOR PRESSURE, MM, HG AT 20 DEGREES C: NOT DETERMINED  
APPEARANCE: OFF WHITE, SEMI SOLID PASTE  
ODOR: MILD  
GRAMS V.O.C. PER LITER OF MATERIAL: 3 (CALCULATED)  
GRAMS V.O.C. PER LITER OF COATING: 3 CALCULATED)

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**SECTION III PHYSICAL DATA - PART B**

BOILING POINT: > 400 DEGREES F  
SPECIFIC GRAVITY: 1.2 - 1.5  
SOLUBILITY IN WATER: SLIGHT  
EVAPORATION RATE(nBuAc=1): >1  
VAPOR DENSITY(AIR=1): NA  
VAPOR PRESSURE, MM, HG AT 20 DEGREES C: NOT DETERMINED  
APPEARANCE: AMBER, SEMI-SOLID MATERIAL  
ODOR: AMINE  
GRAMS V.O.C. PER LITER OF MATERIAL: 6 (CALCULATED)  
GRAMS V.O.C. PER LITER OF COATING: 6 CALCULATED)

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**SECTION IV FIRE AND EXPLOSION HAZARD DATA - PART A**

FLASH POINT, TAG C.C.: 200 - 437 DEGREES F  
AUTO IGNITION TEMPERATURE, F: ND  
FLAMMABLE LIMITS IN AIR, % VOLUME: LOWER: NA UPPER: NA  
FIRE EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, FOAM, DRY CHEMICAL  
SPECIAL FIREFIGHTING PROCEDURES: DO NOT ENTER CLOSED OR CONFINED WORK AREA WITHOUT PROPER PROTECTIVE EQUIPMENT. FIREFIGHTING PERSONNEL SHOULD WEAR RESPIRATORY PROTECTION (SELF CONTAINED BREATHING APPARATUS).  
UNUSUAL FIRE AND EXPLOSION HAZARD: DO NOT EXPOSE TO EXCESSIVE HEAT. OPEN FLAME OR SPARKS.

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**SECTION IV FIRE AND EXPLOSION HAZARD DATA - PART B**

FLASH POINT, TAG C.C.: 383 DEGREES F  
AUTO IGNITION TEMPERATURE, F: ND  
FLAMMABLE LIMITS IN AIR, VOLUME %: LOWER: NA UPPER: NA  
FIRE EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, FOAM, DRY CHEMICAL  
SPECIAL FIREFIGHTING PROCEDURES: DO NOT ENTER CLOSED OR CONFINED WORK AREA WITHOUT PROPER PROTECTIVE EQUIPMENT. FIREFIGHTING PERSONNEL SHOULD WEAR RESPIRATORY PROTECTION (SELF CONTAINED BREATHING APPARATUS).  
UNUSUAL FIRE AND EXPLOSION HAZARD: DO NOT EXPOSE TO EXCESSIVE HEAT. OPEN FLAME OR SPARKS.

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**SECTION V HEALTH HAZARD IDENTIFICATION - PART A**

SYMPTOMS OF OVER EXPOSURE:  
INHALATION: VAPORS UNLIKELY DUE TO PHYSICAL PROPERTIES  
EYES: VAPOR MAY CAUSE SLIGHT IRRITATION.  
SKIN: MAY CAUSE SLIGHT SKIN IRRITATION.  
INGESTION: (NOT A LIKELY ROUTE OF ENTRY UNDER PROPER HANDLING CONDITIONS) MAY CAUSE VOMITING.

HEALTH EFFECTS OR RISK FROM EXPOSURE:  
ACUTE: MAY CAUSE MILD SKIN IRRITATION

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CHRONIC: MAY CAUSE MILD SKIN IRRITATION

FIRST AID PROCEDURES:

EYES CONTACT: WASH WITH WATER AT LEAST 15 MINUTES. IF IRRITATIONS PERSISTS, SEEK MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATIONS PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR, ADMINISTER OXYGEN. IF NECESSARY, SEEK MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, CALL PHYSICIAN.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

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**SECTION V HEALTH HAZARD IDENTIFICATION - PART B**

SYMPTOMS OF OVER EXPOSURE:

INHALATION: MAY CAUSE RESPIRATORY IRRITATION

EYES: VAPOR MAY CAUSE IRRITATION, REDNESS AND TEARING

SKIN: MAY CAUSE IRRITATION.

INGESTION: (NOT A LIKELY ROUTE OF ENTRY UNDER PROPER HANDLING CONDITIONS) MAY CAUSE VOMITING.

HEALTH EFFECTS OR RISK FROM EXPOSURE:

ACUTE: MAY CAUSE MILD SKIN IRRITATION

CHRONIC: NONE KNOWN

FIRST AID PROCEDURES:

EYES CONTACT: WASH WITH WATER AT LEAST 15 MINUTES. IF IRRITATIONS PERSISTS, SEEK MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATIONS PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR, ADMINISTER OXYGEN. IF NECESSARY, SEEK MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, CALL PHYSICIAN.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

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**SECTION VI REACTIVITY DATA - PART A**

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID STRONG ACIDS AND BASES IN BULK AND ELEVATED TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): OXIDES OF CARBON, WATER, AND ORGANIC COMPOUNDS OF UNKNOWN STRUCTURE. DO NOT BREATHE SMOKE OR FUMES. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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### **SECTION VI REACTIVITY DATA - PART B**

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY(MATERIALS TO AVOID): OXIDIZING MATERIALS, CLEANING SOLUTIONS SUCH AS CHROMERGE(SULFURIC ACID/DICHROMATE) AND AQUA REGIA

CAUTION: N-NITROSAMINES (A POTENT CARCINOGEN) MAY BE FORMED WHEN THE PRODUCT COMES IN CONTACT WITH NITROUS ACID, NITRITES OR ATMOSPHERE WITH HIGH NITROUS OXIDE CONCENTRATIONS

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): OXIDES OF CARBON, WATER, AND ORGANIC COMPOUNDS OF UNKNOWN STRUCTURE. AMMONIA WHEN HEATED. NITROGEN OXIDES IN A FIRE. NITROGEN OXIDE CAN REACT WITH WATER VAPORS TO FORM CORROSIVE NITRIC ACID (TLV=2 PPM). COMBUSTION OF PRODUCT CAN BE EXPECTED TO PRODUCE NUMEROUS TOXIC PRODUCTS (INCLUDING NITRILES, CYANIC ACID, ISOCYANATES, CYANOGENS, NITROSAMINES, AMIDES, CARBAMATES) UNDER OXYGEN STARVED CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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### **SECTION VII SPILL OR LEAK PROCEDURES - PARTS A & B**

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED

SOAK UP MATERIAL WITH SAND OR CLAY. PLACE CONTAMINATED MATERIAL IN NONLEAKING CONTAINER. DO NOT MIX SPILLED PART A AND PART B. KEEP SEPARATED.

NOTE: DISPOSAL OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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### **SECTION VIII SPECIAL PROTECTION INFORMATION - PARTS A & B**

VENTILATION AND ENGINEERING CONTROLS: USE LOCAL EXHAUST. DO NOT USE CLOSED AIR-CIRCULATING SYSTEM. OPEN WINDOWS AND DOORS IF NECESSARY.

RESPIRATORY PROTECTION: NIOSH RESPIRATOR IF ABOVE TLV

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES

EYE PROTECTION: CHEMICAL GOGGLES OR FACE SHIELD

OTHER CLOTHING AND EQUIPMENT: IF CLOTHING BECOMES CONTAMINATED, REMOVE AND CLEAN BEFORE REWEARING.

WORK PRACTICES, HYGIENIC PRACTICES: FOLLOW LABEL INSTRUCTIONS.

OTHER HANDLING AND STORAGE REQUIREMENTS: PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL PLACE. KEEP AWAY FROM HEAT AND SPARKS.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: USE GOGGLES AND GLOVES WHEN CLEANING ADHESIVE FROM EQUIPMENT.

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### **SECTION IX SPECIAL PRECAUTIONS - PARTS A & B**

OTHER HANDLING AND STORAGE REQUIREMENTS:

KEEP OUT OF REACH OF CHILDREN

PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY PLACE ( 50-90 DEGREES F). KEEP AWAY FROM EXCESSIVE HEAT. PROTECT FROM FREEZING.

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### **SECTION X TOXICOLOGICAL PROPERTIES - PART A & B**

NOT KNOWN

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### **SECTION XI REGULATORY INFORMATION - PARTS A & B**

HAZARDOUS WASTE 40CFR260: NO

HAZARDOUS SUBSTANCE SUPERFUND: NO

ALL COMPONENTS ARE IN TSCA INVENTORY

OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200) HAZARD CLASS(ES)

PART A: HAZARDOUS

PART B: IRRITANT

EPA SARA TITLE III SECTION 312 (40CFR370) HAZARD CLASS

PART A: ACUTE, CHRONIC HEALTH HAZARD

PART B: ACUTE, CHRONIC HEALTH HAZARD

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EPA SARA TITLE III SECTION 313 (40CFR 372)  
NONE

PROPOSITION 65: THIS PRODUCT CONTAIN A CHEMICAL(S) KNOWN TO TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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**SECTION XII SHIPPING DATA - PARTS A & B**

D.O.T. PROPER SHIPPING NAME (49CFR172.101-102): NONE  
HAZARDOUS SUBSTANCE(49CFR CERCLA LIST): NO RQ: N/A  
D.O.T. HAZARD CLASSIFICATION (49CFR 172.101-102):  
PRIMARY: NONE SECONDARY: NONE  
D.O.T. LABELS REQUIRED (49CFR 172.101-102): NONE  
D.O.T. PLACARDS REQUIRED (CFR 172.504): NONE  
POISON CONSTITUENT (49CFR172.203(K) ): NONE  
BILL OF LADING DESCRIPTION: ADHESIVE CEMENT, NOI  
UN/NA CODE: N/A

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