

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SAFETY YELLOW WR ENAMEL  
 IDENTIFICATION NUMBER: 93-480  
 PRODUCT USE/CLASS : DATE PRINTED: 01/19/10

SUPPLIER: BIPACCO, COATINGS LLC.  
 100 INDUSTRIAL DRIVE  
 CUBA, MISSOURI 65453

MANUFACTURER: BIPACCO, COATINGS LLC.  
 100 INDUSTRIAL DRIVE  
 CUBA, MISSOURI 65453

EMERGENCY TELEPHONE: 800-424-9300  
 24 HOURS A DAY

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 24 HOURS A DAY

PREPARER: MS, PHONE: 573-885-2506, PREPARE DATE: 01/07/08

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT		OCCUPATIONAL EXPOSURE LIMITS				SKIN
		IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
2-BUTOXYETHANOL	111-76-2	10.0 %	25 ppm	NO INFO				YES
2-BUTANOL	78-92-2	10.0 %	100 ppm	NO INFO				NO

(See Section 11 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

BOILING RANGE : 211 - 343 F      VAPOR DENSITY : Is heavier than air  
 ODOR : MILD      SPECIFIC GRAVITY: 1.1033  
 APPEARANCE : YELLOW LIQUID      EVAPORATION RATE: Is slower than Ether  
 SOLUBILITY IN H2O : YES  
 VOLATILE BY WEIGHT: 63.2%      VOLATILE BY VOL.: 71.3%  
 VOCS, lbs/gal : 2.55      VOCS, grams/ltr : 305

\*\*\* EMERGENCY OVERVIEW \*\*\*: No Information.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT ARE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION AND/OR A FEELING LIKE THAT OF A FINE DUST IN THE EYE

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: HARMFUL IF ABSORBED THROUGH SKIN.

EFFECTS OF OVEREXPOSURE - INHALATION: BREATHING VAPORS OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS.

EFFECTS OF OVEREXPOSURE - INGESTION: DO NOT INDUCE VOMITING AND GET

SECTION 3 - HAZARDS IDENTIFICATION

## MEDICAL ATTENTION.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: CHRONIC HEALTH EFFECTS ARE POSSIBLE FROM LONG TERM EXPOSURE TO THIS MATERIAL, INCLUDING DRYING, CRACKING AND IRRITATION OF THE SKIN.

(See Section XI for abbreviation legend)

SECTION 4 - FIRST AID MEASURES

FLASH POINT: 125 F

LOWER EXPLOSIVE LIMIT: 1.1 %

UPPER EXPLOSIVE LIMIT: 10.6 %

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

FIRST AID - EYE CONTACT: IMMEDIATELY RINSE WITH CLEAN WATER FOR 20-30 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT: IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH MILD SOAP AND WATER. FLUSH WITH LUKEWARM WATER FOR 15 MINUTES.

FIRST AID - INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING. CONSULT A PHYSICIAN.

FIRST AID - INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 - FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS 212F/100C. DRIED SOLIDS CAN BURN.

SPECIAL FIREFIGHTING PROCEDURES: USE NIOSH/MSHA APPROVED GAS MASKS AND FULL PROTECTIVE GEAR FOR FIRE FIGHTING PERSONNEL. DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. SEEK MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY: INHALATION EYE CONTACT

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: PLACE IN CLOSED CONTAINERS. DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS OR WATERWAYS. NOT NORMALLY A FIRE HAZARD. WATER CONTENT OF PRODUCT PREVENTS IGNITION. COMBUSTION POSSIBLE IF WATER IS EVAPORATED. LARGE SPILLS MAY BE SCOOPED UP; SMALL QUANTITIES MAY BE PICKED UP WITH INERT ABSORBENT MATERIAL.

(Continued on Page 3)

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

## SECTION 7 - HANDLING AND STORAGE

HANDLING: EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES AND CAN BE DANGEROUS. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY MIST OR VAPORS IN TOP OF SHIPPING CONTAINER.

STORAGE: STORE AWAY FROM HEAT, SPARKS AND OPEN FLAME. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE SPRAY MIST. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN SECTION II.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT.

RESPIRATORY PROTECTION: APPROVED AIRLINE TYPE RESPIRATORS OR HOODS RECOMMENDED IN CONFINED AREAS.

SKIN PROTECTION: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. CHEMICAL RESISTANT PLASTIC OR RUBBER.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED TO AVOID WETTING CLOTHING. USE PROTECTIVE CREAMS WHERE SKIN CONTACT IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. EYE BATH AND SAFETY SHOWER.

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

## SECTION 10 - STABILITY AND REACTIVITY

HMIS RATINGS - HEALTH: 1      FLAMMABILITY: 1      REACTIVITY: 0

CONDITIONS TO AVOID: PROTECT FROM FREEZING.

(Continued on Page 4)

## SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITY: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

## SECTION 11 - TOXICOLOGICAL PROPERTIES

## SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT %	IS LESS THAN
2-BUTOXYETHANOL	111-76-2		10.0 %
2-BUTANOL	78-92-2		10.0 %

PREVIOUS MSDS REVISION DATE: 02/19/07

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

## SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

## SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

## SECTION 14 - TRANSPORTATION INFORMATION

## SECTION 15 - REGULATORY INFORMATION

## SECTION 16 - OTHER INFORMATION

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

&lt;END OF MSDS&gt;