

ATTN: BOBBY

8 pgs

Rev. Sweden Tex Adhesive Fibers

MATERIAL SAFETY DATA SHEET

TIOTECH BLACK FLOCK ADHESIVE

Page: 1

PRODUCT NAME: TIOTECH FLOCK ADHESIVE
PRODUCT CODE: 922-901

HMS CODES: H F R P
1 3 1

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: SINNETT-ELPACO COATINGS CORP.
ADDRESS: P.O. BOX 50256
ST. LOUIS, MO 63105

EMERGENCY PHONE: 800-325-8153 DATE PRINTED: 08/26/02
INFORMATION PHONE: 314-725-6800 NAME OF PREPARER: N/A

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), WEIGHT PERCENT. Rows include ALIPHATIC NAPHTHA, GLYCOL ETHER DB, METHYL ETHYL KETOXIME.

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

N/A

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING RANGE: 315-398F - 442 F
WEIGHT PER GALLON: 8.04 lb/gal
VAPOR DENSITY: HEAVIER THAN AIR
SPECIFIC GRAVITY (H2O=1): 0.97
EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 3.97 lb/gal
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: AROMATIC ODOR

SECTION IV - FIREFIGHTING MEASURES

FLASH POINT: <141F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .85 UPPER: 24.6
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL(SMALL FIRES) ALCOHOL-TYPE FOAM (LARGE FIRES). CLASS B FIRE EXTINGUISHER. WATER IS AN UNSUITABLE EXTINGUISHER ON BURNING LIQUIDS.
SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY MAY BE USED FOR COOLING CONTAINERS. FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED AND NEEDED TO PROTECT FIREFIGHTERS FROM ANY HAZARDOUS COMBUSTION PRODUCTS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. OVER-EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

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

TIOTECH BLACK FLOCK ADHESIVE

Page: 2

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID:
N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

EFFECTS OF OVEREXPOSURE:

ACUTE AND CHRONIC HEALTH EFFECTS:

EYES:

IRRITATION OF EYES INCLUDE REDNESS, TEARING, BLURRED VISION.

SKIN:

PROLONGED OR REPEATED EXPOSURE CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.

INHALATION:

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, AND ASPHYXIATION.

INGESTION:

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

IF SWALLOWED, CAN BE ABSORBED IN TOXIC AMOUNTS.

OTHER HEALTH EFFECTS:

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH VARYING LEVELS OF NERVOUS SYSTEM DAMAGE AND POSSIBLE BRAIN DAMAGE.

===== SECTION VII - FIRST AID MEASURES =====

EYES:

FLUSH WITH LARGE QUANTITIES OF WATER AND GET MEDICAL ATTENTION.

SKIN:

WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

INHALATION:

REMOVE TO FRESH AIR. RESTORE BREATHING. TREAT SYMPTOMATICALLY.

INGESTION:

OBTAIN MEDICAL ASSISTANCE TO DETERMINE BEST TREATMENT. DO NOT INDUCE VOMITING.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No

OSHA REGULATED: Yes

===== SECTION VIII - ACCIDENTAL RELEASE MEASURES =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION, PROVIDE ADEQUATE VENTILATION. CONTAIN AND REMOVE WITH ABSORBENT MATERIAL AND NON-SPARKING TOOLS.

===== SECTION IX - DISPOSAL CONSIDERATIONS =====

WASTE DISPOSAL METHOD:

SANITARY LANDFILL OR INCINERATION ACCORDING TO LOCAL, STATE AND

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

TIOTECH BLACK FLOCK ADHESIVE

Page: 3

FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

===== SECTION X - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

RESPIRATORY PROTECTION:

APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION IN OPEN AREAS WITH UNRESTRICTED VENTILATION. APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND VAPOR IN RESTRICTED VENTILATION AREAS. APPROVED AIR LINE TYPE RESPIRATORS OR HOODS IN CONFINED AREAS.

VENTILATION:

ADEQUATE VENTILATION TO MAINTAIN VAPOR LEVELS OF INGREDIENTS LISTED IN SECTION II BELOW INDICATED TLV'S IN ACCORDANCE WITH OSHA REGULATION 29 CFR PART 1910-. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT.

PROTECTIVE GLOVES:

SOLVENT-RESISTANT NEOPRENE OR BUNA A RUBBER WHEN NEEDED.

EYE PROTECTION:

GOGGLES OR FULL FACE MASK IF NEEDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

SOLVENT RESISTANT APRON OR BOOTS IF DESIRED. EYE BATH AND SAFETY SHOWER.

WORK/HYGIENIC PRACTICES:

SEE YOUR SUPERVISOR.

===== SECTION XI - HANDING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NPPA CLASS B FLAMMABLE OR COMBUSTIBLE LIQUIDS.

OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY. DO NOT BREATHE VAPORS OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/OSHA APPROVED) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. ALL EQUIPMENT SHOULD BE GROUNDED AND BONDED TO REDUCE STATIC ELECTRICITY HAZARD. USE NON-SPARKING TOOLS.

=====SECTION XII- TRANSPORTATION INFORMATION =====

DOT SHIPPING NAME:

PAINT

DOT LABEL:

FLAMMABLE LIQUID

DOT HAZARD CLASS:

CLASS 1B FLASH POINT

UN/NA NUMBER:

UN1263

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

TIOTECH BLACK FLOCK ADHESIVE

Page: 4

PACKING GROUP:

PGIII

CERCLA:

THE CERCLA REPORTABLE QUANTITY (RQ) FOR THIS MIXTURE IS 100#
WHICH IS BASED ON THE RQ OF EACH INGREDIENT AND ITS PERCENT IN THE
MIXTURE.

TSCA INVENTORY STATUS:

N/A

===== SECTION XIII - DISCLAIMER =====

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL
OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.
INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING MAY BE
HARMFUL OR FATAL. INTENTIONAL MISUSE BE DELIBERATELY CONCENTRATING AND
INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

WE RECOMMEND THAT CONTAINERS BE EITHER PROFESSIONALLY RECONDITIONED FOR
REUSE BY CERTIFIED FIRMS OR PROPERLY DISPOSED OF BY CERTIFIED FIRMS TO
HELP REDUCE THE POSSIBILITY OF AN ACCIDENT. DISPOSAL OF CONTAINERS SHOULD
BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND
REGULATIONS. "EMPTY" DRUMS SHOULD NOT BE GIVEN TO INDIVIDUALS. SERIOUS
ACCIDENTS HAVE RESULTED FROM THE MISUSE OF "EMPTIED" CONTAINERS (DRUMS,
PAILS, ETC.)

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE
ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION
OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR
COMPLETENESS.

THE CONDITIONS OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE
BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER
REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY
FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED
WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.