

SAFETY DATA SHEET

TOMORROW'S TECHNOLOGY TODAY

DATE ISSUED :	1/12/2018
SDS REF. No :	922-701

Elpaco

COATINGS CORP.

TIOTECH BROWN FLOCK ADHESIVE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TIOTECH BROWN FLOCK ADHESIVE

PRODUCT CODE: 922-701

SYNONYMS:

CAS NUMBER:

PRODUCT USE: NOT APPLICABLE

MANUFACTURER

Elpaco Coatings Corp
P.O. Box 50256

St. Louis, MO,
800-325-8153

24 HR. EMERGENCY TELEPHONE NUMBER

CHEMTREC (US Transportation): (800)424-9300
CHEMTREC (International Transportation): 1(202)483-7616

2. HAZARDS IDENTIFICATION

CLASSIFICATION : FLAMMABLE LIQUID AND VAPOR

PICTOGRAMS



SIGNAL WORD : WARNING

HAZARD STATEMENTS : MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL IN CONTACT WITH SKIN. MAY BE HARMFUL IF INHALED. FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS : Do not handle until all safety precautions have been read and understood.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
*PETROLEUM HYDROCARBON SOLVENT	42.51	8052-41-3

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

"WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

4. 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.

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

INHALATION : REMOVE TO FRESH AIR. RESTORE BREATHING. TREAT SYMPTOMATICALLY.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SYMPTOMS : NOT APPLICABLE

EFFECTS : NOT APPLICABLE

5. FIRE FIGHTING MEASURES

SUITABLE 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.

FIRE FIGHTING 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 HAZARD : CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

COMBUSTION PRODUCTS : NOT APPLICABLE

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL : NOT APPLICABLE

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

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

PROTECTIVE EQUIPMENT : NOT APPLICABLE

EMERGENCY PRECAUTIONS : NOT APPLICABLE

METHOD OF CLEANING UP : NOT APPLICABLE

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS B FLAMMABLE OR COMBUSTIBLE LIQUIDS.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES : NOT APPLICABLE

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

EXPOSURE LIMITS : NOT APPLICABLE

ENGINEERING CONTROLS : 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.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE : GOGGLES OR FULL FACE MASK IF NEEDED.

SKIN : SOLVENT-RESISTANT NEOPRENE OR BUNA A RUBBER WHEN NEEDED.

RESPIRATORY : 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : NOT APPLICABLE

COLOR : NOT APPLICABLE

ODOUR : AROMATIC ODOR

ODOUR THRESHOLD : NOT APPLICABLE

pH : NOT APPLICABLE

FREEZING POINT :

BOILING POINT : 200.0

FLASH POINT AND METHOD : 108.00 F T

EVAPORATION RATE : SLOWER THAN ETHER

FLAMMABILITY(Solid/Gas) : NOT APPLICABLE

FLAMMABLE LIMITS : .5 TO 6.0

VAPOUR PRESSURE : NOT APPLICABLE

VAPOUR DENSITY : HEAVIER THAN AIR

SPECIFIC GRAVITY : 1.0286271

% SOLUBILITY IN WATER :

OCTANOL/WATER PARTITION COEFFICIENT : NOT APPLICABLE

AUTO-IGNITION TEMPERATURE : NOT APPLICABLE

DECOMPOSITION TEMPERATURE : NOT APPLICABLE

VISCOSITY : NOT APPLICABLE

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID : NOT APPLICABLE

STABILITY : STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: NOT APPLICABLE

INCOMPATIBLE MATERIALS : NOT APPLICABLE

POSSIBILITY OF HAZARDOUS REACTIONS : NOT APPLICABLE

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS :

EYE : CAN CAUSE IRRITATION, REDNESS, TEARING, BLURRED VISION.

SKIN : NOT APPLICABLE

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.

TARGET ORGAN : NOT APPLICABLE

CHRONIC EFFECTS : NOT APPLICABLE

ACUTE TOXICITY VALUES : NOT APPLICABLE

SYMPTOMS OF RELATED

PHYSICAL : NOT APPLICABLE

CHEMICAL : NOT APPLICABLE

TOXICOLOGICAL CHARACTERISTICS : NOT APPLICABLE

DELAYED AND IMMEDIATE EFFECTS : NOT APPLICABLE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NOT APPLICABLE

PERSISTENCE AND DEGRADABILITY : NOT APPLICABLE

BIO-ACCUMULATIVE POTENTIAL : NOT APPLICABLE

MOBILITY : NOT APPLICABLE

OTHER ADVERSE EFFECTS : NOT APPLICABLE

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT/PACKAGING DISPOSAL : SANITARY LANDFILL OR INCINERATION ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

WASTE TREATMENT OPTIONS : NOT APPLICABLE

WASTE CODE/WASTE DESIGNATIONS ACCORDING TO EWC/AVV : NOT APPLICABLE

14. TRANSPORT INFORMATION

UN NUMBER : UN1263

UN PROPER SHIPPING NAME : PAINT

TRANSPORT HAZARD CLASS : FLAMMABLE LIQUID, 3

PACKING GROUP : PGII

MARINE POLLUTANT : NOT APPLICABLE

SPECIAL PRECAUTIONS : NOT APPLICABLE

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: NOT APPLICABLE

FIRE : NOT APPLICABLE

PRESSURE GENERATING : NOT APPLICABLE

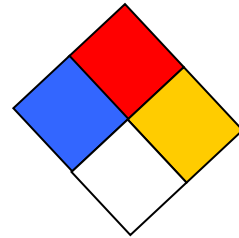
REACTIVITY : NOT APPLICABLE **ACUTE :** NOT APPLICABLE **CHRONIC :** NOT APPLICABLE

313 REPORTABLE INGREDIENTS: NOT APPLICABLE

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	3
Reactivity :	1
Personal Protection :	HMISP

NFPA CODES



MANUFACTURER 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.)

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