

MATERIAL SAFETY DATA SHEET

SECTION 1

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|---|--|
| MANUFACTURE'S NAME TRI-AMERICAN ASPHALT PROTECTION PRODUCTS, INC | EMERGENCY TELEPHONE NO. (408) 946-5788 |
| ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE) 980 AMES AVE., SUITE B, MILPITAS, CA. 95035 | |
| CHEMICAL NAME AND SYNONYMS | TRADE NAME AND SYNONYMS OIL SEAL TA-100 |
| CHEMICAL FAMILY AQUEOUS ACRYLIC EMULSION | FORMULA |

SECTION 11 - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (UNITS) | ALLOYS AND METALLIC COATINGS | % | TLV (UNITS) |
|--|--------------|------------------|---|----------|------------------------|
| ACRYLIC CO POLYMER | 50 | | BASE METAL | | |
| RESIDUAL MONOMER | <1 | | ALLOYS | | |
| WATER | 50 | | METALLIC COATINGS | | |
| | | | FILLER METAL PLUS COATING OR CORE FLUX | | |
| | | | OTHERS | | |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | | | | Z | TLV (UNITS) |
| | | | | | |

SECTION 111 - PHYSICAL DATA

| | | | | |
|-----------------------------|--------------------------------------|--------------|----------------------------------|------------------------|
| BOILING POINT (DEGREES F) | SAME AS | WATER | SPECIFIC GRAVITY (H2O-1) | 1.1 |
| VAPOR PRESSURE (MM HG.) | SAME AS | WATER | PERCENT VOLATILE BY VOLUME (%) | |
| VAPOR DENSITY (AIR-1) | SAME AS | WATER | EVAPORATION RATE (_____-1) | LESS THAN 1 |
| SOLUBILITY IN WATER | | YES | | |
| APPEARANCE AND ODOR | MILKY WHITE LIQUID, MILD ODOR | | | |

SECTION 1V - FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|------------------------------------|--|------------------|------------|-----|-----|
| FLASH POINT (METHOD USED) | N/A | FLAMMABLE LIMITS | N/A | LEI | UEI |
| EXTINGUISHING MEDIA | CO2 OR DRY CHEMICAL | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | WEAR SELF-CONTAINED BREATHING APPARATUS | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | MATERIAL CAN SPLATTER ABOVE 110C/212F. POLYMER FILM CAN BURN. | | | | |

SECTION V - HEALTH HAZARD DATATHRESHOLD LIMIT VALUE **VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION**EFFECTS OF OVEREXPOSURE **OF THE NOSE, THROAT, AND LUNGS. SLIGHTLY IRRITATING TO THE EYES**

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS.**SKIN: REMOVE WITH SOAP AND WATER.****SECTION V1 - REACTIVITY DATA**

| | | | |
|-----------|----------|-----------|---------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | XX | |

INCOMPATIBILITY (MATERIALS TO AVOID) **NONE**

HAZARDOUS DECOMPOSITION PRODUCTS

| | | | |
|-----------------------------|----------------|-----------|---------------------------------|
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID NONE |
| | WILL NOT OCCUR | XX | |

SECTION V11 - SPILL OR LEAK PROCEDURESSTEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED **RECOVER SPILLED PRODUCT WITH SHOVEL OR****SCOOP. AVOID SKIN CONTACT.**WASTE DISPOSAL METHOD **DISPOSE OF WASTE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE
AND FEDERAL REGULATIONS.****SECTION V111 - SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (SPECIFY TYPE) **NOT REQUIRED WITH NORMAL USE OF PRODUCT.**

| | | | |
|-------------|------------------------|--------------------------------------|---------|
| VENTILATION | LOCAL EXHAUST | NOT REQUIRED WITH NORMAL USE. | SPECIAL |
| | MECHANICAL (GENERAL) | | OTHER |

PROTECTIVE GLOVES **IMPERVIOUS** EYE PROTECTION **CHEMICAL SPLASH GOGGLES**

OTHER PROTECTIVE EQUIPMENT

SECTION IX - TOXICITY INFORMATION

THE EFFECTS OF OVEREXPOSURE ARE BASED ON ACUTE TOXICITY PROFILES FOR A NUMBER OF ACRYLIC EMULSIONS THAT ARE COMPOSITIONALLY SIMILAR TO THIS PRODUCT. TYPICAL VALUES ARE: RAT, ORAL LD50: >5.0 G/KG; RABBIT, DERMAL LD50: >5.0 G/KG RABBIT SKIN IRRITATION: PRACTICALLY NON-IRRITATING. 72 HOUR MEAN IRRITATION SCORE- 0-2; RABBIT, EYE IRRITATION: INCONSEQUENTIALLY IRRITATING.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.



TRI - AMERICAN, INC.

Manufacturer of
ASPHALT PROTECTION PRODUCTS

TECHNICAL BULLETIN
OIL SEAL TA-100

980 AMES AVENUE, MILPITAS, CA 95035 (800) 782-6543 (408) 946-5788 FAX (408) 946-6077

COMPOSITION

TA-100 is a specially blended acrylic copolymer emulsion designed to seal oil and gas contaminated areas and to improve adhesion of Poly-Kote TA-1000. TA-100 is designed for use on asphalt surfaces.

SURFACE PREPARATION

Gas, grease, and oil spots shall be cleaned by scrapers, and/or suitable detergents.

NOTE: GAS AND OIL CONTAMINATED AREAS THAT ARE "HEAVILY SOILED" or "SOFT" MAY REQUIRE REMOVAL, AND REPLACED WITH "HOT MIX" ASPHALT!

APPLICATION

Mix well before using. TA-100 may be used full strength as received. On lighter contaminated areas TA-100 may be diluted 1-1 with potable water. Sprinkle (lightly) a 20 or 30 mesh sand onto TA-100 prior to curing to improve adhesion of Poly-Kote TA-1000.

USAGE

Depends on surface texture being treated. For estimating purposes, medium textured surfaces require approximately .1 (1/10) gallon per square yard.

CLEAN UP

Water can be used to clean TA-100 from tools and equipment prior to drying. Use a scraper or wire brush to remove dried product.

PACKAGING

TA-100 is available in 55 gallon drum, or 5 gallon pail.

PRECAUTIONS

Air temperature shall be 50 degrees f. and rising, prior to application.
TA-100 shall not be applied during, or when rain is imminent.
Do not store in temperatures exceeding 100 degrees f.
Protect containers from direct sunlight.
Keep away from children.
Protect from freezing.