



**CleanTac** is an anionic setting asphalt emulsion with superior bond strength designed for use as a Fast-drying tack coat, in finegraded mixes, and specialty applications to help eliminate tire tracking. It is formulated with a harder base than SS-1 for use in warmer climates. Designed to hold asphalt layers together with the new and old surfaces, but not to tires and equipment, CLEAN TAC keeps cleanup to a minimum at a lower cost.

- **QUICK SET 15-30 MINUTES**
- **HIGH BOND / SHEAR STRENGTH**
- **TRACKLESS WHEN FULLY SET / BROKE**
- **Caltrans/D.O.T. COMPLIANT**
- **MEETS AGENCY REQUIREMENTS**
- **EASE OF APPLICATION**
- **BLACK TACKY APPEARANCE**
- **STABLE STORAGE & HANDLING**
- **APPROVED FOR PRIME**
- **IMPROVES SAFETY**

**Application Temperature recommended: 135F-145F**

**Set up time 15-30 mins depending on conditions.**

**Typical Properties:**

PROPERTY	METHOD	RESULT
Cement Mix	AASHTO T48	2 max.
Storage Stability, 24 hours	AASHTO T59	1 % max.
Saybolt Fural Viscosity	AASHTO T59	20-100 secs.
Distillation Residue	AASHTO T59	57% min.
Sieve Test	AASHTO T59	0.1 max
PH		>11
Original DSR @ 82C (G*/SIN d, 10 rad/sec)	AASHTO T315	1.0 min.

**SPECIFICATIONS:** Meets requirements AASHTO & ASTM standards. **SURFACE PREPARATION:** Surfaces should be dry and as clean as possible before applying. Remove dirt, dust, and rocks before applying coating. **APPLICATION:** Application rates vary depending on the existing surface, so please consult applicable agency specifications to determine required application rate. **COVERAGE RATE:** Rates are between 0.05 and 0.1 gallons per square yard. **CLEAN-UP:** While wet, clean tools with warm water and soap. If dry, scrub with citrus based cleaner or mineral spirits. Refer to SDS for further information.

## Guidelines for storage, handling, and application for CleanTac

ASSI CleanTac emulsion is a unique blend of highly engineered asphalts selected for non-tracking applications. CleanTac has been formulated to break in 15-30 minutes depending on the conditions, leaving a non-tracking tack surface. The product works as a bond between existing pavement and new layer pavement to improve adhesion and shear of overall pavement performance. A successful tack coat is when you have uniform, complete and adequate coverage. It may also be used in prime coat applications were allowed by the Agency.

### Storage and Handling Guidelines

CleanTac is an anionic asphalt emulsion, and it should be placed in clean storage tanks. Contamination with other products could reduce performance and/or trackless behavior. Do not mix cationic emulsions or diesel fuel with CleanTac. Avoid excessive pumping with high shear pumps.

### Storage in Vertical Tanks (Preferred):

The use of vertical storage tanks is recommended to minimize the surface area of the emulsion that is exposed to air. Prior to loading, ensure that the tank is clean and free of any material. Low shear agitation is recommended to minimize settlement and skin formation.

Agitation is sufficient when the material can be seen to “roll” at the top. Tanks should be filled from the bottom of the tank. It is recommended to store the product between 90°F and 120°F. In some regions heat is not necessary on storage tank if averaging weekly inventory rotation.

### Storage in Tanker Trailers:

The storage of this product in a tanker trailer for over one week is not recommended. However, when the product must be stored for long periods, it should be circulated twice a week.

### Distributor Truck:

Prior to applying product. Calibrate distributor truck by spray bar height, spray bar pressure, nozzle angle, nozzle orientation, nozzle selection and thermocouple. Liquid temperature must match to material, therefore ensure the thermocouple is submerged into the emulsion to be accurate.

1. Maximum heating to 145°F while circulating.
2. Material should be heated up to 145°F before bar circulating.
3. Material should be heated to a minimum of 135°F prior to application.
4. Material should be pumped back to tank if excessive delay is experienced between spraying.
5. Material should be applied at recommended application rates by D.O.T. or governing agency.

### Differentiation between breaking, tracking, and trackless characteristics of asphalt emulsion tack coat.



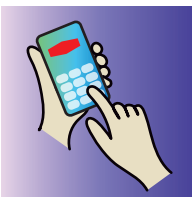
# Advantage Sealing Systems

"Finest Asphalt Emulsion Made"

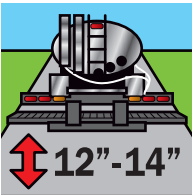
## Prior to Application



Always wear proper PPE when working when working with and around hot asphalt products!



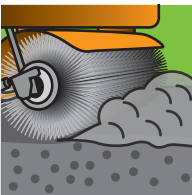
Always call your Advantage Sealing Systems Representative with any questions and/or concerns.



Prior to applying product, calibrate distributor truck by spray bar height, spray bar pressure, nozzle angle, nozzle orientation, nozzle selection, and thermocouple. Insure that the thermocouple is submerged into emulsion in order to get an accurate reading. Note: Spray bar height should be between 12" to 14" above the ground for optimum "fanning" of material.



Clean distributor truck thoroughly when another product has been used prior to filling up with CleanTac – DO NOT MIX PRODUCTS!



Make sure the surface to be tacked is thoroughly clean and free of dust and debris prior to application of CleanTac. Note: product can adhere to dust and debris and thus peel off surface when dump truck traffic is present.

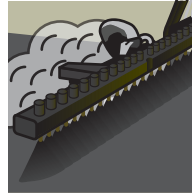


Initial heating of CleanTac is 150°F while circulating only if temperature at time of application is below 140°F – If not only circulate. Heat tubes must be covered to achieve heating. Note: To calibrate distributor thermometer please periodically check temp of actual material from spray bar and compare, notating degree difference.

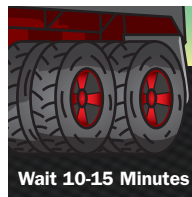


Do not allow material to boil because of aggressive heating. Freezing or boiling of CleanTac will cause the emulsion to break.

## Application



Always apply CleanTac at recommended application rates set by D.O.T. and/or governing agency.



Wait 10-15 Minutes

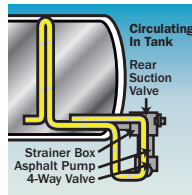
Allow CleanTac to break and set prior to allowing any traffic to ride on it – especially dumptrucks. Usually 10 – 15 minutes.



20 Minutes

Always suck back material into tank if excessive delay is experienced between spraying, especially during colder months. Usually more than 20 minutes.

## End of Shift



Perform cleanout procedures per distributors manufacturers guidelines at the end of every shift. Leaving material in spray bar overnight can cause clogging and potential damage to pump etc.



Do not allow material to sit in storage for more than a week without some agitation/circulation to avoid separation of emulsion.



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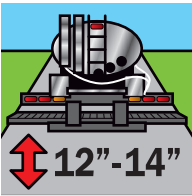
## Antes de la Aplicación



¡Siempre use el EPP al trabajar y cuando cumpla tareas con y alrededor de productos asfálticos calientes!



Si tiene dudas o inquietudes comuníquese con su representante de Advantage Sealing Systems.

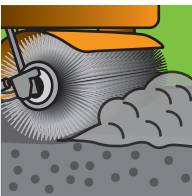


Antes de aplicar el producto, calibre el camión distribuidor ajustando la altura y la presión de la barra rociadora; el ángulo, la orientación y la selección de la boquilla; y la termocupla. Asegúrese de que la termocupla esté sumergida en la emulsión a fin de obtener una lectura precisa.

Nota: la barra rociadora debe estar ubicada a una altura de 12 a 14 pulgadas sobre el suelo para lograr el "barrido" óptimo del material.



Limpie a fondo el camión distribuidor cuando se haya utilizado otro producto antes de llenarlo con CleanTac ¡NO MEZCLE LOS PRODUCTOS!



Asegúrese de que la superficie a tratar esté completamente limpia y libre de polvo y desechos antes de aplicar CleanTac. Nota: el producto puede adherirse al polvo y a los desechos y así desprenderse de la superficie con el tráfico de los camiones volcadores.

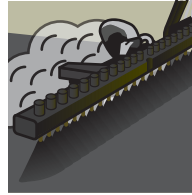


Deberá realizar un calentamiento inicial del CleanTac a 65 °C (150 °F) mientras circula, únicamente si la temperatura al momento de la aplicación está por debajo de los 60 °C (140 °F). De lo contrario, simplemente circule. Los tubos de calentamiento se deben cubrir para alcanzar el calentamiento. Nota: para calibrar el termómetro del distribuidor compruebe periódicamente la temperatura de la barra rociadora y compare, anotando la diferencia de grados.

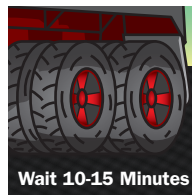


No permita que el material hierva debido a un calentamiento agresivo. El congelamiento o hervor del CleanTac ocasionará la rotura de la emulsión.

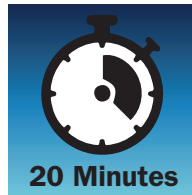
## Aplicación



Siempre aplique CleanTac a las tasas de aplicación recomendadas que establece el Departamento de Transporte u organismo gubernamental.

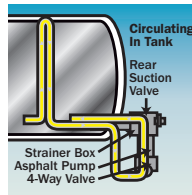


Deje que CleanTac rompa y fragüe antes de permitir la circulación sobre el material, especialmente de camiones volcadores. Por lo general, esto toma de 10 a 15 minutos.



Siempre aspire el material dentro del tanque si experimenta demoras excesivas entre las rociadas, especialmente durante los meses más fríos. En general, si las demoras superan los 20 minutos.

## Final del Turno



Realice los procedimientos de limpieza según las pautas del fabricante de los distribuidores al final de cada turno. Dejar material en la barra rociadora durante la noche puede ocasionar obstrucciones y posibles daños a la bomba, etc.



No permita que el material quede almacenado durante más de una semana sin agitación o circulación a fin de evitar la separación de la emulsión.