



***America's Most Trusted
Sealcoating Additives and
Pavement Protection Products***

Specialty Technology And Research, Inc.
April, 2021



- Little Rock, AR
- St. Louis, MO
- Evansville, IN
- Nashville, TN
- Kansas City, MO
- Tacoma, WA
- Springfield, MO
- Doraville, GA
- Columbus, OH
- Minneapolis, MN
- Milwaukee, WI
- Boston, MA
- Ft. Lauderdale, FL
- Lewisburg, PA
- Benton Harbor, MI
- Houston, TX
- Wichita, KS

15 Locations in the USA...





- Tamworth
AUSTRALIA



- Suzhou
CHINA

And Around The World!



Why Sealcoat

**Asphalt pavement is
one of the biggest investments
on your property**

**By spending pennies now on it's protection,
you will save dollars later on it's replacement cost.**



Why Sealcoat

- Provides highest degree of protection on your asphalt
- Offers resistance against gasoline, oils and chemicals
- STAR-SEAL is the most flexible and durable sealcoating product that last longer than other competing products.

A regular maintenance program using

STAR-SEAL

***increases the life of your pavement by 300%
or more, at a fraction of the cost of new asphalt.***



Sealers produced by STAR

The combination of state-of-the-art technology in manufacturing and raw material selection.

- Protects from damaging elements of weather and water penetration
- Protects from salts
- Protects from traffic damage
- Protects from chemicals



OUTPERFORMS OTHER SEALERS



Sealers produced by STAR

The combination of state-of-the-art technology in manufacturing and raw material selection.

Refined Tar Sealers
Asphalt Emulsion Sealers
Petroleum Resin Sealers
Acrylic Sealers



The STAR Difference

The combination of state-of-the-art technology in manufacturing and raw material selection.



Regular Samples Testing

12 Specific Testing Standards

Every Member Plant Participates





Refined Tar Sealers

***Star-Seal
Star-Seal Pro Blend
Star-Seal Supreme
Star Aviator***

***America's Most Trusted
Sealcoating Additives and
Pavement Protection Products***

STAR-SEAL

**BASED ON REFINED TAR, STAR SEAL WILL PROTECT AND BEAUTIFY
YOUR ASPHALT PAVEMENTS.**

HEAVY-DUTY SEALCOATING

- **Excellent durability & longevity**
- **Excellent resistance to weathering, oil, gas, salt, petrochemicals, etc.**
- **Easy to apply.**
- **Standard (2) coat application**
- **@ 0.18-0.20 gal (conc.) sealer/sq. yd.**
- **Excellent sand suspension, anchoring & retention.**



STAR-SEAL®
REFINED TAR SEALER

STAR-SEAL PRO-BLEND

PROFESSIONAL GRADE

RUBBERIZED ASPHALT PAVEMENT SEALER

BASED ON REFINED TAR, RUBBER POLYMERS & SPECIALTY CHEMICALS.

OUTSTANDING FEATURES:

- **LONGEVITY, TOUGHNESS, & FLEXIBILITY.**
- **FAST DRYING, UNIFORM CHARCOAL BLACK COLOR.**
- **HIGLY IMPROVED RESISTANCE TO:**
- **SALTS,FUELS, CHEMICALS, OIL, GAS, ETC.**

STAR-SEAL PRO BLEND®
REFINED TAR SEALER FORTIFIED WITH RUBBER

STAR-SEAL PRO-BLEND

PROFESSIONAL GRADE

RUBBERIZED ASPHALT PAVEMENT SEALER

Easy To Apply.

Standard (2) coat application @ 0.18-0.20 gal (conc.) sealer/sq. yard.

Excellent sand suspension, anchoring & retention.

NO ADDITIONAL ADDITIVES ARE REQUIRED.

SUPERIOR TO STANDARD GRADE SEALERS.

NO OTHER PRODUCT IS AVAILABLE IN ITS CATEGORY

STAR-SEAL PRO BLEND®
REFINED TAR SEALER FORTIFIED WITH RUBBER

STAR-SEAL SUPREME

BASED ON REFINED TAR RUBBERS & POLYMERS & SPECIALTY CHEMICALS

OUTSTANDING FEATURES

- **LONGEVITY, TOUGHNESS, FLEXIBILITY**
- **FAST DRYING, UNIFORM CHARCOAL BLACK COLOR**
- **HIGHLY IMPROVED RESISTANCE TO SALTS,**
- **FUELS, CHEMICALS, OIL, GAS, ETC.**

STAR-SEAL SUPREME®
PREMIUM REFINED TAR SEALER

STAR-SEAL SUPREME

Easy To Apply.

Standard two (2) coat application @ 0.18-0.20 gal (conc.) sealer/sq. yard.

Excellent sand suspension, anchoring & retention.

NO ADDITIONAL RUBBER ADDITIVES REQUIRED.

BETTER THAN COMPETITIVE PREMIUM GRADE SEALERS.

Test reports are available upon request.

STAR-SEAL SUPREME®
PREMIUM REFINED TAR SEALER

STAR-SEAL AVIATOR

**SPECIALTY SEALCOATING,
BASED ON REFINED TAR**



**MEETS OR EXCEEDS FAA
PERFORMANCE TESTS & SPECIFICATIONS**

- Far superior in performance than conventional mix designs.
- No rubber mixing and inspection on the job.
- Rubber is hot blended at the factory.
- Pre-Certified to Meet/Exceed FAA P-629



Premium Grade Refined Tar Sealers

Non-Irritating, Non-Toxic and Nearly Odorless
No noxious fumes or skin irritation during application

STAR-SEAL PRO BLEND®
REFINED TAR SEALER FORTIFIED WITH RUBBER

STAR-SEAL SUPREME®
PREMIUM REFINED TAR SEALER

STAR-AVIATOR®
FAA COMPLIANT REFINED TAR SEALER

**STAR QUALITY THAT EXCEEDS
YOUR EXPECTATIONS**



Petroleum Resin Sealers

Star Triton

Star Triton Pro Blend

Star Triton Supreme

Star Triton Road-Gaurd

***America's Most Trusted
Sealcoating Additives and***

Pavement Protection Products

STAR TRITON

The result of technology in the face of adversity forcing the industry to re-evaluate raw material selection.

- Heavy-duty, Petroleum Resin Sealer
- Carefully selected grades of LP resin binders, minerals, specialty additives
- Higher degree of toughness
- Better resistance to fuels, salts, petrochemicals and grease
- Extraordinary flexibility



STAR-TRITON
NEXT GENERATION ASPHALT PAVEMENT SEALER

STAR TRITON PRO BLEND

The result of technology in the face of adversity forcing the industry to re-evaluate raw material selection.



*Provides beauty and protection
for a longer period of time;
Especially recommended for
commercial and industrial
sealcoating applications where
longevity and toughness are a must.*



STAR TRITON SUPREME

The combination of state-of-the-art technology in manufacturing and raw material selection.

A complete product with hot-blended rubber.

No other performance boosting and fast drying additives are needed.



STAR TRITON ROAD-GAURD

Specialty coating, designed for road surfaces that have deteriorated over the years of use.

- Formulated with tough hot blended rubber polymers, specialty chemicals and select mineral fillers which impart flexibility and durability
- Outstanding performance compared to conventional asphalt surface treatments



STAR TRITON ROAD-GAURD

Road Guard protects against all elements of the weather and resists water penetration, thus extending the service life of asphalt pavements.

- Delivers excellent cost savings compared to conventional road surface treatments on;
- Housing Subdivisions
- City and County Roads
- Highway Shoulders



STAR TRITON ROAD-GAURD

*MEETS AND/OR EXCEEDS ALL APPLICABLE
INDUSTRY AND COMMERCIAL SPECIFICATIONS.*

Specifications and test methods:

ASTM:	D-140	D-244	D-117-11
	D-3910	D-562	D-2939

ASMA: Standard Specification

Federal: TTC-555B



Premium Grade Asphalt Emulsion Sealers

Non-Irritating, Non-Toxic and Nearly Odorless
No noxious fumes or skin irritation during application



**STAR QUALITY THAT EXCEEDS
YOUR EXPECTATIONS**



Asphalt Emulsion Sealers

***Star Micro-pave
Micro-pave Pro Blend
Micro-pave Supreme
Micro-pave Aviator
Star Road-Gaurd***

***America's Most Trusted
Sealcoating Additives and
Pavement Protection Products***

STAR MICRO-PAVE

The combination of state-of-the-art technology in manufacturing and raw material selection.

- Heavy-duty, Asphalt Emulsion
- Carefully selected grades of asphalt binders, minerals, specialty additives
- Extraordinary degree of toughness
- Extraordinary water repellency
- Extraordinary flexibility



MICRO-PAVE PROBLEND

Recommended for all asphalt surfaces; home driveways, commercial parking lots, schools, recreational areas, apartment complexes and restaurants.

- Protects from damaging elements of weather and water penetration
- Protects from de-icing salts
- Protects from traffic damage
- Protects from many chemicals



MICRO-PAVE PROBLEND®
ASPHALT EMULSION SEALER FORTIFIED WITH RUBBER

MICRO-PAVE SUPREME

Premium grade AE sealer with hot-blended rubber polymers & specialty chemicals for outstanding, field proven, performance.



- Hot blending catalyzed rubber and select polymers with the asphalt binders improve durability and longevity
- Increased rubber boosts performance
- Increased resistance to chemicals
- Increased toughness

MICRO-PAVE SUPREME®
PREMIUM ASPHALT EMULSION SEALER

MICRO-PAVE SUPREME

For jobs that demand only the best performance. Has the industries highest degree of toughness and water repellency.



- Highest level of protection from damaging elements of weather and water penetration
- Select specialty additives greatly enhance water resistance of the cured coating

MICRO-PAVE SUPREME®
PREMIUM ASPHALT EMULSION SEALER

MIICRO-PAVE AVIATOR

A specialty coating designed to airfield surfaces.

MEETS OR EXCEEDS FAA PERFORMANCE TESTS & SPECIFICATIONS

- *Superior performance, better than conventional mix designs.*
- *Pre-shipment FAA certification is available.*
- *FAA specified rubber is hot-blended during manufacturing.*
- *Job site mixing is not Necessary.*



STAR ROAD-GAURD

A specialty coating designed to protect road surfaces that have deteriorated over years of service.



- Formulated with tough hot blended rubber polymers, specialty chemicals and select mineral fillers which impart flexibility and durability
- Outstanding performance compared to conventional asphalt surface treatments

STAR ROAD-GUARD

STAR ROAD-GAURD

Road Guard protects against all elements of the weather and resists water penetration, thus extending the service life of asphalt pavements.

- Delivers excellent cost savings compared to conventional road surface treatments on;
- Housing Subdivisions
- City and County Roads
- Highway Shoulders



STAR ROAD-GUARD

STAR ROAD-GAURD

*MEETS AND/OR EXCEEDS ALL APPLICABLE
INDUSTRY AND COMMERCIAL SPECIFICATIONS.*

Specifications and test methods:

ASTM:	D-244	D-217	D-2042
	D-3910	D-562	D-2939

ASMA: Standard Specification

Federal: TTC-555B

The logo for STAR ROAD-GUARD features the word "STAR" in blue with a white star in the center of the 'A', and "ROAD-GUARD" in red with blue stars in the center of the 'A's. The letters are bold and have a slight 3D effect.

**STAR
ROAD-GUARD**

Premium Grade Asphalt Emulsion Sealers

Non-Irritating, Non-Toxic and Nearly Odorless
No noxious fumes or skin irritation during application

MICRO-PAVE PROBLEND[®]
ASPHALT EMULSION SEALER FORTIFIED WITH RUBBER

STAR MICRO-PAVE SUPREME[®]
PREMIUM ASPHALT EMULSION SEALER

MICRO-PAVE AVIATOR[®]
AVIATION GRADE ASPHALT EMULSION SEALER

**STAR
ROAD-GUARD**

**STAR QUALITY THAT EXCEEDS
YOUR EXPECTATIONS**

***Thank You for
your time for watching this
presentation.***

***If you want to learn about
performance boosting additives,
watch the ADDITIVES presentation.***



Questions?

**Thank You for
your time for watching this
presentation.**

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