



# Dakota AG Innovations

[www.DakotaAgInnovations.com](http://www.DakotaAgInnovations.com)

**PRODUCT DATA SHEETS,  
APPLICATION INFORMATION &  
MATERIAL SAFETY DATA SHEETS**

**PREP & SHINE  
PRODUCT INFORMATION PACKET**

**"Restoring Color, Luster & Value  
to Faded & Oxidized Surfaces!"**

***Fix Faded Paint  
with ***

For More Information, Visit Us Online!  
**[www.DakotaShine.com](http://www.DakotaShine.com)**  
or Email [info@DakotaShine.com](mailto:info@DakotaShine.com)

Rev 030619



## EQUIPMENT REQUIREMENTS

*(for Application of Prep & Shine)*

### ***Items you will need for Application:***

#### **Dakota Prep**

- 1) DAI Scrub Pads - Maroon (Extreme Oxidation) or Grey (General Use)  
*(These pads can be purchased from DAI, or can be found at most Automotive Supply stores)*
- 2) Clean Wash Buckets  
*(Used for mixing and applying Prep, and for rinsing the pad)*
- 3) Freshwater Hose  
*(Used to rinse Prep off the surface - a pressure washer may also be used)*
- 4) OEM-Specific Paint  
Important Note: If touch-up work is required prior to the application of Shine, OEM-specific Paint must be used to avoid a two-toned, camouflauge effect.
- 5) Clean, Lint-Free Towel

#### **Dakota Shine**

- 1) Conventional Paint Gun w/ 1.4 - 1.6 tip (Recommend a 1.6 tip). An HVLP gun may be used.
- 2) Respirator  
*(Could use a disposable masks or regular paint shop mask)*
- 3) Regulator  
*(Need 60 psi for the application of Shine)*
- 4) Water/Oil Trap  
*(Use in case there is water in the air lines, or air wrench oilers on the air lines)*
- 5) Clean Air Hose  
*(preferably one for just applying Shine)*

#### **Paint Gun Clean-Up**

- 1) General Purpose Lacquer Thinner

\* \* \* \* \*

***For more Equipment Information, contact our Technical Department...***

*by phone (toll-free): 1 (888) 996-7801*

*by email: [info@dakotashine.com](mailto:info@dakotashine.com)*



## INSTRUCTIONS FOR APPLICATION

(for Prep & Dakota Shine)

- 1) Remove all grease, grime and dirt from the surface of the equipment using a hot-water pressure washer for optimal results. You may use cold water, if not is not available.
- 2) Mix Prep and water in a clean bucket (according to the label). Place your scrub pads into the bucket and proceed to wash the surface - focus on the areas of greatest eye-appeal. (The pad is designed to help lift the oxidation, wax buildup, etc. off of the surface, so it can be rinsed away). We are not trying to sand the surface, only clean it! Continually rinse the pad in the bucket of Prep while you are scrubbing the surface - this will help ensure a constant application of Prep. The pad must be kept wet at all times to avoid scratching the surface. Remember to rinse the surface immediately with fresh water after scrubbing an area. Do NOT let Prep dry. If it would dry, this would allow the oxidation, grease, grime, etc. to dry and reattach itself to the surface you are cleaning. If it does dry, just repeat this entire step on that area. Only work an area that you feel comfortable working, but remember you need to keep the surface wet until the Prep has been rinsed off. Repeat this step over the entire surface.
- 3) Once you have cleaned the entire surface, apply a final rinse of fresh water over the entire surface. Allow the surface to dry completely before proceeding. You may force dry the surface if you choose.
- 4) Once the surface is dry, thoroughly review the surface and fix any areas that may have been missed or streaked. This can be done using a dry pad and a clean, dry towel. Work the surface lightly with the dry pad. The surface has been softened slightly by the Prep, so be sure to work the surface lightly and use back-and-forth motions instead of circular ones to avoid scratching the surface. Wipe away any residue with the clean towel. This step may or may not be needed, depending on how Step #2 was done.
- 5) At this point, take a can of OEM paint and touch-up the areas (surface scratches, frames, etc.) that are missing paint. This may not work if the current paint on the surface is not OEM factory paint. So test a small area first. Once the spot painting has been completed, wait until the area becomes tacky before proceeding to the next step.
- 6) Once the surface is completely dry and the spot-painted areas have become tacky, apply Shine using a conventional paint gun with a 1.4 or 1.6 tip at about 60 psi. Shine is best applied in a controlled environment at 70° F or higher. Apply ONE thin-and-even spray onto the surface while remembering to split your tracks as you move across the surface. We do NOT want to coat the surface; we want to apply a thin spray so it can penetrate and bring the pigments to the surface. Once the color comes to the surface, no more product is needed. In this case, more is NOT better. Remember to keep your gun perpendicular to the surface you are spraying onto to ensure proper penetration. You will see the results almost immediately after the product has been applied - we are looking for eye-appeal and even coverage. If a spot is missed, there is about a 15 - 20 minute window to go back and do that area. If more than 20 minutes has passed, the surface must be left alone. Very Important - Prep must be used before applying Shine.
- 7) Use Shine Aerosol to touch-up in confined areas that are tough to reach with a paint gun, so can also use Shine Aerosol to touch-up any areas that you missed when applying Shine. You must complete this step within 15 - 20 minutes of completing Step #5.
- 8) The surface will take between 1 - 4 hours to dry down. Allow a minimum of 12 hours before exposing the surface to a work environment. The surface can be exposed to the outside elements within 1 - 1 1/2 hours if it is a sunny & calm day, but it is recommend to keep the surface inside for at least 2 - 4 hours.
- 9) To remove overspray from unmasked glass surfaces, use a general purpose lacquer thinner on a rag and gently wipe the window clean. To clean your paint gun, pour a small amount of lacquer thinner in your cup and swirl around to remove the residue from the walls of the cup. Spray a small amount through the gun to remove any residue from the jets. When done, dispose of the used lacquer thinner.

# PRODUCT INFORMATION BULLETIN



## DAKOTA PREP

Part Nos. *DP1G* (01001), *DP15G* (01004), *DP55G* (01005)

- **Easy on the Hands and Clothing**
- **Contains NO Harsh Chemicals or Solvents**
- **Product is Biodegradable and Environmentally-Friendly**
- **Increases Productivity While Lowering Costs**
- **Helps Remove Faded and Oxidized Paint from Various Surfaces**

### DESCRIPTION

DAI's Dakota Prep is a water-based and biodegradable cleaner that will remove wax buildup, grease, oxidation and grime from a variety of surfaces. Prep must be used to prepare surfaces before the application of Shine. Prep can also be used to prepare surfaces for paint or wax. Prep is a concentrated product, so it must be mixed with water before using. It is partially derived of agricultural by-products, therefore, making it biodegradable. Prep is an environmentally-safe and easy-to-use surface prep product.

### COMPATIBLE SURFACES

- > Painted Surfaces
- > Decals/Vinyl Lettering
- > Plastics
- > Fiberglass
- > Aluminum
- > Rubber

### APPLICATION

- 1) Lightly scrub the surface with a fine-gauge scrub pad and the Prep solution. Keep the pad wet at all times.
- 2) Immediately rinse work area with water before the surface dries. Do NOT let the surface dry.
- 3) Repeat the above procedures until the entire surface is cleaned. Inspect surface to ensure a uniform cleaning.

### MIXING RATIOS

Prep comes in a concentrated form, so it must be mixed with water before using. For light-to-medium projects, mix 8 oz. Prep per 1 gallon of water. For heavy-duty projects you may increase the ratio to 16 oz. of Prep per 1 gallon of water.

### STORAGE/SHELF LIFE

- > Close container tightly when not in use
- > Indefinite shelf life when stored under proper conditions
- > Store in a cool, well-ventilated area

### PACKAGING

Prep is available in a concentrated form in 1 gallon jugs, 15- and 55-gallon drums.

### TECHNICAL DATA

Solubility in Water:	100%	<b>NFPA</b>
pH:	10 - 11	Health - 1
Freezing Point:	Similar to water	Fire - 0
Odor:	Fragrant	Reactivity - 0
Appearance:	Opaque Green	

### TECHNICAL SERVICES

For more instructions, application methods or information on the surface compatibility of Prep, contact the Technical Department at **Dakota AG Innovations by phone (1-888-996-7801)**, by fax (605-996-8980) or by **email (info@dakotashine.com)**.

### HEALTH & SAFETY INFORMATION

**CAUTION:** Undiluted material may cause eye and skin irritation. **FIRE:** Material is water-based. No special fire fighting instructions. **CONTACT:** Avoid contact with eyes. May be slightly irritating to the skin. Wash thoroughly after handling. **FIRST AID:** In case of eye contact, immediately flush eyes for 15 minutes with clean water. If irritation persists, seek medical attention. If large quantities are swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. **IN CASE OF SPILL OR LEAK:** Absorb majority of spill with inert material. Flush residual spill with water. **STORING:** Store away from incompatible materials.

**KEEP OUT OF REACH OF CHILDREN**

### EMERGENCY TELEPHONE NUMBER:

**Chemtrec - 800-424-9300**

*For additional information, see Safety Data Sheet (SDS)*

### DISCLAIMER OF WARRANTY

Dakota AG Innovations, LLC (the "Manufacturer") warrants that the products manufactured by it shall be free from material defects and of consistent quality. Should any of the products be proven defective, the liability of the Manufacturer shall be limited to replacement of the product.

The manufacturer offers no express or implied warranty, including the warranties of merchantability and fitness for a particular purpose. The Manufacturer shall not be liable for consequential and incidental damages. The buyer assumes all risk and liability associated with use and/or disposal of this product.



# PRODUCT INFORMATION BULLETIN



Dakota AG  
Innovations

## DAKOTA SHINE



Part Nos. DSA (00101), DS1G (01011), DS15G (01012), DS55G (01013)

- **Most Effective and Easiest Way to Enhance the Appearance of Faded & Oxidized Surfaces**
- **Penetrates the Surface, so there is NO Overspray**
- **Fast Drying Time Decreases the Overall Turn-Around Time**
- **No Mixing Required means No Disposal Issues for Unused Product**
- **Surfaces Maintain Like-New Appearance, which is Proven to Keep Resale Values Higher**

### DESCRIPTION

DAI's Dakota Shine is a unique and patented product that will restore the color, luster and value to faded and oxidized surfaces like paint, decals, plastics, rubber and more. Shine is a ready-to-use product that requires no mixing. There is no product to waste or dispose of, simply pour any leftover product back into the container. Shine consists of agricultural by-products and various other proprietary ingredients; it contains no silicones. These ingredients are designed to penetrate the surface to rejuvenate the pigments to their original, like-new appearance. If you want to restore the original color & luster to various surfaces, use Shine.

### COMPATIBLE SURFACES

- Painted Surfaces
- Decals/Vinyl Lettering
- Fiberglass
- Plastics
- Rubber
- Engine Compartments

### APPLICATION

- 1) Apply ONE thin-and-even spray onto the surface. Do not coat the surface; you want the product to penetrate the surface.
- 2) Once the bright color returns to the surface, there is no need to apply more.
- 3) You are looking for eye-appeal and even coverage.

### STORAGE/SHELF LIFE

- Close container tightly when not in use
- Unlimited shelf life when stored under proper conditions
- Store in a cool, well ventilated area
- Store away from ignition sources

### PACKAGING

Shine is available in 16 fl. oz. aerosol cans, 1 gallon jugs and 15- and 55-gallon drums.

### TECHNICAL DATA

Solubility in Water:	Negligible	<b>NFPA</b>
pH:	N/A	Health - 2
Appearance:	Clear amber	Flammability - 3
Freezing Point:	N/A	Reactivity - 0
Odor:	Aromatic Solvent	

### TECHNICAL SERVICES

For more information on Dakota Shine, contact the Technical Department at **Dakota AG Innovations** by **phone (1-888-996-7801)**, by fax (605-996-8980) or by **email (info@dakotashine.com)**.

### HEALTH & SAFETY INFORMATION

**CAUTION:** Flammable liquid and vapor! May cause flash fire. Harmful or fatal, if swallowed. Call physician immediately. Vapor harmful. **FIRE:** Keep away from heat, sparks and flame. Keep container closed when not in use. Prevent vapor buildup by providing adequate ventilation during use. **CONTACT:** Prolonged or repeated contact may dry skin and cause irritation. Avoid breathing vapor or mist. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. **FIRST AID:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. Call a physician. In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. If swallowed, do NOT induce vomiting. Get immediate medical attention. **IN CASE OF SPILL OR LEAK:** Absorb spill with inert, non-flammable, non-combustible material such as dry sand or earth. Flush residual spill with water. **STORING:** Store in sealed container in cool location away from sunlight, heat or any other sources of ignition.

**KEEP OUT OF REACH OF CHILDREN**

**EMERGENCY TELEPHONE NUMBER:  
Chemtrec - 800-424-9300**

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