

**5 STAR XTREME AUTOBODY PRODUCTS**  
**TECHNICAL DATA INFORMATION**  
**DATED: MAY 2015**

**PRODUCT NUMBER DESCRIPTION**

#5141 – MAXX SHINE CLEARCOAT 4.4 VOC NATIONAL RULE

**PRODUCT DESCRIPTION:**

#5141 MAXX SHINE is a medium solids, easy to spray clearcoat offering; great flow, gloss characteristics and durability. With a convenient 4:1 mix ratio and three activators to choose from, MAXX SHINE can be used for partial or complete paint jobs making it ideal for most shop conditions and temperatures.

**PRODUCTS:**

- **5141-01** 4.4 VOC Clearcoat, Gallon
- **5142-04** 4.4 VOC Fast Activator, Quart
- **5143-04** 4.4 VOC Medium Activator, Quart
- **5144-04** 4.4 VOC Slow Activator, Quart

**BASECOAT:**

Apply basecoat as per manufacturer's mixing and application instructions. Allow sufficient flash times before applying #5141. Inadequate flash time will affect the performance of the clear.

**MIXING RATIO (4:1):**

Mix 4 parts #5141 MAXX SHINE Clearcoat to 1 part #5142, #5143, or #5144 Activator.

**APPLICATION:**

Apply 2-3 full wet coats at 40-50 psi or (6-10 psi when using HVLP at the gun), allowing a 10-15 minute flash between coats.

**DRY TIMES AT 77°F:**

	<u>#5142 Fast Activator</u>	<u>#5143 Medium Activator</u>	<u>#5144 Slow Activator</u>
DUST FREE	20 Minutes	20 Minutes	25 Minutes
TACK FREE	20-30 Minutes	20-30 Minutes	45 Minutes
TO DELIVER	14-16 Hours	14-16 Hours	14-16 Hours

FLASH TIME @ 77° F 10-15 Minutes

**FORCE DRYING:**

BAKE TIME @ 140° F 40 Minutes

*Allow a one to two hour cool-down time before wet sanding or buffing after force drying.*

**RECOATING:**

#5141 may be recoated after a 16 Hour dry at 77° F, or upon cool down after force drying at 140° F for 40 minutes.

**POT LIFE:**

Pot life with #5142 will be about 4-5 hours at 77° F. When using #5143 or #5144 the pot life will be 8-10 hours at 77° F.

**CLEAN UP:**

Clean equipment immediately using 5 STAR #5700 Gun Wash Thinner .

**TECH DATA:**

Mixing Ratio: 4 parts #5141: 1 part #5142, #5143, #5144

Viscosity (RTS): 17-19 seconds #2 Zahn

Volume Solids (RTS): 29%  
 Film Build: 0.8 - 1.0 mils per full wet coat  
 Coverage: 465 sq. ft. per gallon @ 1 dry mil

VOC as Delivered:

#5141 Clear	Regulatory VOC lbs/gal	4.6
	Regulatory VOC Gal/L.	546
	Material VOC lbs/gal	3.4
	Material VOC Gal/L.	404
#5142 Fast Activator	Regulatory VOC lbs/gal	3.3
	Regulatory VOC Gal/L.	401
	Material VOC lbs/gal	3.3
	Material VOC Gal/L.	401
#5143 Med. Activator	Regulatory VOC lbs/gal	3.3
	Regulatory VOC Gal/L.	401
	Material VOC lbs/gal	3.3
	Material VOC Gal/L.	401
#5144 Slow Activator	Regulatory VOC lbs/gal	3.2
	Regulatory VOC Gal/L.	384
	Material VOC lbs/gal	3.2
	Material VOC Gal/L.	384
VOC (RTS):		
#5141/#5142	Regulatory VOC lbs/gal	4.3
	Regulatory VOC Gal/L.	509
	Material VOC lbs/gal	3.4
	Material VOC Gal/L.	403
#5141/#5143	Regulatory VOC lbs/gal	4.3
	Regulatory VOC Gal/L.	509
	Material VOC lbs/gal	3.4
	Material VOC Gal/L.	403
#5141/#5144	Regulatory VOC lbs/gal	4.2
	Regulatory VOC Gal/L.	505
	Material VOC lbs/gal	3.3
	Material VOC Gal/L.	400

**Disposal/Safety:** see MSDS for this product.

**Humidity Resistance:** Excellent.

**Salt Spray Resistance:** Excellent

**FIRST AID:**

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. For skin: Wash thoroughly with water. If difficulty in breathing is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately. See Material Safety Data Sheet.

**SAFETY INFORMATION - FOR INDUSTRY USE ONLY**

**Danger:** Vapor harmful. May affect the brain or nervous system causing dizziness, headache, or nausea. May cause eye, skin, nose, and throat irritation. Harmful if swallowed. **Precautions:** Vapors may ignite explosively. Keep away from heat, sparks, and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric

motors and other sources of ignition during use and until all vapors are gone. Prevent buildup of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapor or spray mist. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wear solvent resistant gloves. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public. **KEEP OUT OF REACH OF CHILDREN. ABI - Autobody Brands International a division of IAMG - International Autobody Marketing Group - Scottsdale, AZ – [www.5starxtreme.com](http://www.5starxtreme.com)**

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