

PRODUCT DATA SHEET FC750 2.1 VOC Satin Clearcoat

PRODUCT AT-A-GLANCE



SUBSTRATES

FC750 2.1 VOC Satin Clearcoat can be applied over Basecoats.



MIXING

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FC750 Satin Clearcoat		FH741 or FH742 or FH743 Hardener

Hardener Selection Chart

FH741	55°-75°F
FH742	75°- 90°F
FH743	90°F and above

NOTE:

For satin uniformity, it is important to shake FC750 for 5 minutes before reducing



APPLICATION

1. Apply two coats of clear using a cross-coat application technique. Apply first coat in a normal direction, then apply second coat in opposite direction. A wet on wet "limited flash" application can be used allowing 2-5 minutes to flash between coats.
2. NOTE: wetter coats can increase gloss level, and drier sprayed coats could decrease gloss level.
3. Adjust air pressure to:

HVLP	8 - 10 psi @ the cap
Compliant	22 - 34 inlet psi



RECOAT

Basecoat: 10-15 minutes



DRYING

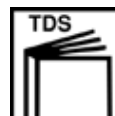
Air Dry Times at 70°F

Dust Free:	FH741	FH742/FH743
To Deliver:	15 minutes	45 - 60 minutes
Force Dry:	3 hours	8 hours
	N/A	30 minutes @ 140-145°F surface temperature



BUFFING

NOTE: FC750 Satin Clearcoat SHOULD NOT BE FINAL SANDED or BUFFED as it will damage the satin appearance.



PHYSICAL DATA

Pot Life: 1 hour at 75°F
VOC Ready to Spray < 2.1 lbs/gal

PRODUCT DESCRIPTION:

Finish 1 2.1 VOC Satin Clearcoat is a high solids urethane satin clearcoat designed for air dry and force dry environments. FC750 meets stringent VOC regulations at 2.1 VOC, while providing an even satin, reduced gloss appearance as found on custom hot rods and OEM satin finishes.

Finish 1 2.1 VOC Satin Clearcoat should not be final sanded or buffed, as it will damage the satin appearance.

SURFACE PREPARATION:

Refer to basecoat's manufacturer product data sheets for basecoat application and dry times.



PERSONAL PROTECTION

- Read label, directions, and MSDS before use.
- Refer to MSDS for specific information.
- Wear a NIOSH approved organic vapor respirator when using this product.
- Wear a NIOSH approved dust particulate mask when sanding, mixing, or applying this product.
- Keep product, paint, and overspray off of the skin, wear goggles, coveralls, and chemical protective gloves when using this product.

REGULATORY DATA

Regulatory Data	As Packaged		As Applied	
	lb/gal	g/l	lb/gal	g/l
Density	8.51	1019	8.69	1041
	% by weight	% by volume	% by weight	% by volume
Volatiles	55.7	62.5	54.8	60.6
Water	0	0	0	0
Exempt Compunds	44.7	49.9	41.5	44.2
	lb/gal	g/l	lb/gal	g/l
VOC Total	0.93	112	1.16	139
VOC Less Exempt	1.83	219	2.07	249
Haps	0	0	0.25	0.03



FINISH

AUTOMOTIVE REFINISH PRODUCTS

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Label Cautions- FC750

DANGER! HARMFUL OR FATAL IF SWALLOWED. EXTREMELY FLAMMABLE - VAPORS MAY CAUSE FLASH FIRES! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. Before using, carefully read **CAUTIONS** on back panel. **CAUTION SEE CONTENTS STATEMENT ELSEWHERE ON LABEL.** Contents are **EXTREMELY FLAMMABLE.** Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition. **VAPOR HARMFUL.** Use only with adequate ventilation. This product must be used with an appropriate catalyst. Follow the respirator requirement and instructions on the catalyst. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID: If INHALED:** If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET**

FH741

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR AND SPRAY MIST HARMFUL, OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION, EFFECTS MAY BE PERMANENT. CAUSES EYE IRRITATION. HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. Before using, carefully read **CAUTIONS** on back panel. **CAUTIONS SEE CONTENTS STATEMENT ELSEWHERE ON LABEL.** Contents are **COMBUSTIBLE.** Keep away from heat and open flame. **VAPOR AND SPRAY MIST HARMFUL.** Gives off harmful vapor of solvents and isocyanates. **DO NOT USE IF YOU HAVE CHRONIC (LONGTERM) LUNG OR BREATHING PROBLEMS, OR IF YOU HAVE EVER HAD A REACTION TO ISOCYANATES. USE ONLY WITH ADEQUATE VENTILATION. WHERE OVERSPRAY IS PRESENT, A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (NIOSH approved) SHOULD BE WORN TO PREVENT EXPOSURE. IF UNAVAILABLE, AN APPROPRIATE PROPERLY FITTED APPROVED NIOSH VAPOR/PARTICULATE RESPIRATOR MAY BE EFFECTIVE.** Follow directions for respirator use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. If you have any breathing problems during use, **LEAVE THE AREA** and get fresh air. If problems remain or happen later, **IMMEDIATELY** call a doctor - If not available get emergency medical treatment. Have this label with you. **IRRITATES SKIN AND EYES.** Avoid contact with eyes and skin. In case of eye contact, flush immediately with plenty of water for 15 minutes and call a doctor - If not available get emergency medical treatment. In case of skin contact, wash thoroughly with soap and water. Clothes contaminated by a spill should be removed and laundered. Keep container closed when not in use. Reacts with water in closed container to produce pressure which may cause container to burst. Do not transfer contents to other containers for storage. **FIRST AID: If INHALED:** If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. This product must be mixed with other components before use.



FINISH 1

AUTOMOTIVE REFINISH PRODUCTS

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FH742 and FH743

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR AND SPRAY MIST HARMFUL, OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION, EFFECTS MAY BE PERMANENT. CAUSES EYE IRRITATION. HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAN BE ABSORBED THROUGH THE SKIN. MAY CAUSE BLOOD DAMAGE. Before using, carefully read **CAUTIONS** on back panel. **CAUTIONS SEE CONTENTS STATEMENT ELSEWHERE ON LABEL.** Contents are **COMBUSTIBLE.** Keep away from heat and open flame. **VAPOR AND SPRAY MIST HARMFUL.** Gives off harmful vapor of solvents and isocyanates. **DO NOT USE IF YOU HAVE CHRONIC (LONGTERM) LUNG OR BREATHING PROBLEMS, OR IF YOU HAVE EVER HAD A REACTION TO ISOCYANATES. USE ONLY WITH ADEQUATE VENTILATION. WHERE OVERSPRAY IS PRESENT, A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (NIOSH approved) SHOULD BE WORN TO PREVENT EXPOSURE. IF UNAVAILABLE, AN APPROPRIATE PROPERLY FITTED APPROVED NIOSH VAPOR/PARTICULATE RESPIRATOR MAY BE EFFECTIVE.** Follow directions for respirator use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. If you have any breathing problems during use, **LEAVE THE AREA** and get fresh air. If problems remain or happen later, **IMMEDIATELY** call a doctor - If not available get emergency medical treatment. Have this label with you. **IRRITATES SKIN AND EYES.** Avoid contact with eyes and skin. In case of eye contact, flush immediately with plenty of water for 15 minutes and call a doctor - If not available get emergency medical treatment. In case of skin contact, wash thoroughly with soap and water. Clothes contaminated by a spill should be removed and laundered. Keep container closed when not in use. Reacts with water in closed container to produce pressure which may cause container to burst. Do not transfer contents to other containers for storage. **FIRST AID:** If **INHALED:** If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Contains Ethylene Glycol Monobutyl Ether Acetate which may cause blood damage. This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.**