



PRODUCT DATA SHEET FC770 National Rule Euro Clearcoat

PRODUCT DESCRIPTION:

Finish 1 National Rule Euro Clearcoat is designed for spot, multi-panel, and overall repairs. This clearcoat works well in air dry or force dry environments and provides good flow and leveling, and quick high build coverage.

SURFACE PREPARATION:

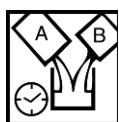
Refer to basecoat's manufacturer product data sheets for basecoat application and dry times.



SUBSTRATES

FC770 Euro Clearcoat can be applied over Basecoats, Single-Stage Urethanes, or Single-Stage 2K Acrylic Enamels.

MIXING



	+	
2		1
FC770		FH771 or
Euro		FH772 or FH773
Clearcoat		Hardener

Hardener Selection Chart

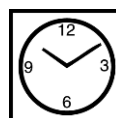
FH771	55°-75°F
FH772	75°- 90°F
FH773	90°F and above

Note: May be reduced up to 10% by volume with FT215

APPLICATION

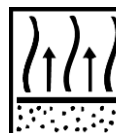


1. Apply two medium/wet coats allowing each coat to flash to hand slick between coats or a limited flash application allowing a 5-15 minute flash between coats.
2. Adjust air pressure to:
HVLP or Compliant 25 - 30 inlet psi



RECOAT

Basecoat:	10-15 minutes
Single-Stage:	8-24 hours
Clearcoat:	Allow FC770 to dry for 8 hours, then scuff with P1000 grit and reapply clearcoat.



DRYING

Air Dry Times at 70°F

Dust Free:	60 minutes
To Deliver:	8 hours
Force Dry:	40 minutes at 140°F



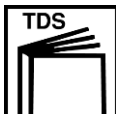
FINISH 1

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BUFFING

If necessary, after 24 hours air dry, or cool down from force dry, sand with P1500 or finer grit paper and buff with the appropriate compound. Buffing is easiest when done within the first 48 hours of application.



PHYSICAL DATA

Pot Life: 2 hours at 75°F
Dry Film Thickness: 2.0 mils



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

FC770 National Rule Euro Clearcoat				
AS APPLIED:	2-PARTS		1-PART	
	Finish 1™ Euro Clearcoat		FINISH 1™ Euro Clearcoat Hardener	
Volatile Organic Compounds (follows U.S. EPA VOC Data Sheet)				
Regulatory Data	As Packaged		As Applied	
	lb/gal	g/l	lb/gal	g/l
Density	7.80	934	7.94	951
	% by weight	% by volume	% by weight	% by volume
Total Volatiles	59.1	67.3	62.0	69.0
Water	0.0	0.0	0.0	0.0
Exempt Compounds	29.4	34.8	19.2	23.2
t-butyl acetate	0.0	0.0	0.0	0.0
Organic Volatiles	29.7	32.6	42.7	45.8
Percent Non-Volatile	40.9	32.7	38.0	31.0
	lb/gal	g/l	lb/gal	g/l
VOC Total	2.31	277	3.39	406
VOC Less Exempt	3.54	427	4.41	529
Hazardous Air Pollutants (Clean Air Act, Section 112(b))				
	lb/gal	kg/l	lb/gal	kg/l
Volatile HAPS	2.12	0.254	1.94	0.233
VHAPS of Solids	6.50	0.780	6.28	0.752



FINISH

AUTOMOTIVE REFINISH PRODUCTS

1

Label Caution Information:

FC770-Finish 1™ Euro Clearcoat - National Rule

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. (Back Panel) CAUTIONS 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. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. 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. Contains Styrene which may cause cancer based on animal data. 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.

FH771- FINISH 1™ National Rule Euro Clearcoat Hardener, Fast

FH772- FINISH 1™ National Rule Euro Clearcoat Hardener, Medium

FH773- FINISH 1™ National Rule Euro Clearcoat Hardener, Slow

DANGER! HARMFUL OR FATAL IF SWALLOWED. FLAMMABLE! 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. Before using, carefully read CAUTIONS on back panel. (Back Panel) CAUTIONS SEE CONTENTS STATEMENT ELSEWHERE ON LABEL. Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. 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 AND SPRAY MIST HARMFUL. Gives off harmful vapor of solvents and isocyanates. DO NOT USE IF YOU HAVE CHRONIC (LONG-TERM) 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. Reacts with water in closed container to produce pressure which may cause container to burst. 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



FINISH 1

AUTOMOTIVE REFINISH PRODUCTS

thoroughly with soap and water. Clothes contaminated by a spill should be removed and laundered. 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**

FT215- FINISH 1™ VOC Reducer DANGER! Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapor. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wear eye or face protection. **Response: IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water or shower. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a **POISON CENTER** or physician if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. **Storage:** Keep cool. Store in a well-ventilated place. Store locked up. **Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

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. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **FOR PROFESSIONAL USE ONLY.** Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.