

5 STAR XTREME AUTOBODY PRODUCTS
TECHNICAL DATA INFORMATION
DATED: OCTOBER 2015

PRODUCT NUMBER DESCRIPTION

#5414 – D.T.M Etch Primer (Gallon) – NATIONAL RULE

#5415 – D.T.M Etch Primer Reducer (Gallon) – NATIONAL RULE

PRODUCT DESCRIPTION:

5414/5415 is a Chromate Free Metal Etching Primer that is ideal for spot/panel repairs where bare metal is present. It increases both adhesion and corrosion protection on bare substrates. It fills minor surface imperfections and may be topcoated directly for quick and easy repairs.

#5414 (5.05 VOC) DIRECT TO METAL ETCH PRIMER (GREEN) offers you high build, fast dry times, excellent adhesion and filling capabilities. #5414 provides great color holdout, minimal shrinkage and good adhesion to properly prepared substrates.

SUITABLE SUBSTRATES:

Steel, Fiberglass, Galvanized Steel, Cured Body Filler, Aluminum, OEM Enamels, OEM Lacquers.

5414 PHYSICAL DATA:

VOC - Total: 605 g/L - 5.05 lb/gal

VOC - Less Exempt: 605 g/L - 5.05 lb/gal

Federally Exempt Solvents: 0.0% by volume

5415 PHYSICAL DATA:

VOC- Total: 777 g/L - 6.48 lb/gal

VOC- Less exempt: 789 g/L - 6.59 lb/gal

Federally exempt solvents: 1.6% by vol.

Volume Solids_____	11% (Mixed)
Film Build Full Wet Coats_____	1 mil
Flash Point_____	48 Degrees F
Pot Life_____	24 Hours
Theoretical Coverage_____	176 sq. ft.

MIXING: NATIONAL RULE

(1 PART 5414: 1 PART 5415)

MIXING: LOW VOC

(1 PART 5414: 1 PART 5415: 2 PARTS 5910 ACETONE)

Mix the components in the order and ratio indicated above.
Stir thoroughly after adding each item.

SURFACE PREPARATION:

1. Solvent clean surface with #5902 5 STAR XTREME Final Wipe - Wax & Grease Remover.
2. Sand all repair areas with 220 grit sandpaper or finer. Reclean with #5902
3. Mix by volume: 1 part #5414 5.05 VOC Direct to Metal Etch Primer to 1 part 5 STAR XTREME #5415 6.48 VOC Direct to Metal Etch Primer Reducer. Follow Manufacturer's instructions for safe use of solvent.
4. Apply 2 – 3 medium coats. Allow to flash 2-3 minutes between coats.
5. Allow #5414 to dry 30 minutes before sanding. Use the proper sandpaper grit recommended for the topcoat paint.

APPLICATION:

Spray at 5-9 PSI at the cap for HVLP or 30-35 PSI for conventional guns.

DRYING:

Recoat in 30 minutes, sand in 60 minutes, after 24 hours must be lightly scuffed before topcoating. Final dry film thickness should be a minimum of 1.0 mil.

POT LIFE:

2-3 hours @ 77°F

CLEAN UP: Clean spray equipment immediately after use with Urethane Grade Reducer or 5 STAR XTREME #5952 Solvent or #5953 Waterborne Gun Cleaner. Do not leave material in spray gun.

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 Safety Data Sheet.

NOTICE:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

DANGER! EXTREMELY FLAMMABLE. HARMFUL BY INHALATION AND SKIN CONTACT. IRRITATING TO EYES AND SKIN.

Wear an appropriate, properly fitted respirator (NIOSH approved) during application unless air monitoring demonstrates vapor/mist levels are below applicable limits. An airline respirator (NIOSH approved) is recommended. A vapor/particulate respirator (NIOSH approved) may be appropriate where airborne monitoring demonstrates vapor levels below ten times the applicable exposure limits. Follow respirator manufacturer's directions for respirator use.

SAFETY INFORMATION - FOR INDUSTRY USE ONLY

DANGER. Highly flammable liquid and vapor. Causes severe skin burns and eye damage. May cause respiratory irritation. May cause drowsiness and dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Wear protective clothing. Use personal protective equipment as required. Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. IF exposed or concerned: Get medical attention. Get medical attention if you feel unwell. 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. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. Please refer to the SDS for additional information. Do not transfer contents to other containers for storage.

**KEEP OUT OF REACH OF CHILDREN. ABI/Autobody Brands International a division of IAMG/International Autobody Marketing Group
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