

# #803 – ADVANTAGE Premium Gold Bodyfiller (Gallon)4/cs

## TECHNICAL DATA INFORMATION – JANUARY 2012

### DESCRIPTION:

ADVANTAGE Premium Gold Body Filler is manufactured with the latest premium resin technology for effortless sanding. This same technology provides superior adhesion to all types of metals including galvanized, bare steel and aluminum. Easy to spread, #803 is also clog free and tack free. Blue cream hardener is included.

### PRODUCT USES:

Use for filling and repair of bodywork up to 1/4", such as dents, dings, scratches, rust, hail damage and small holes.

### TYPICAL SUBSTRATES:

- • Steel
- • Aluminum
- • Fiberglass
- • Body Filler
- • Wood
- • 2K Primers
- • Aged, sanded OEM Topcoats
- • Galvanized and other zinc-coated steel
- • SMC – can be used for cosmetic repairs. For structural repairs

prone to high degrees of stress and flexibility, use an SMC repair product.

### SURFACE PREPARATION:

1. Clean surface. Remove all dirt, oil, grease and wax with a Wax & Grease Remover.
2. Make sure surface is dry before repairing.
3. Use 40-80 grit disc to featheredge paint for good mechanical adhesion.

### MIXING:

For best results, bring filler and provided hardener to room temperature (minimum temperature 75°F).

Stir product before dispensing with a bottom to top motion. Knead hardener tube before use. Place a

4" diameter puddle of filler on a clean mixing surface (we recommend a non-absorbent plastic mixing board) and add a ribbon of cream hardener from edge to edge across the center of the filler puddle (puddles larger than 4" will require additional hardener); or measure

hardener at 2% by weight of filler – a 50 to 1 ratio. Mix thoroughly with a plastic spreader, using a folding motion, until uniform color is achieved. At room temperature (75°F) approximate setting time is 3 – 5 minutes.

**APPLICATION:**

1. Using a plastic spreader, apply a thin layer of filler to surface, using firm pressure for maximum adhesion.
2. Apply additional layers, if necessary, building up damaged area higher than surrounding metal surface to allow for sanding of filler.

**3. IMPORTANT! DO NOT RETURN UNUSED MIXTURE TO CAN AS IT WILL HARDEN THE REMAINING CONTENTS.**

**FINISHING:**

1. When material has cured, in approximately 15 minutes, sand with an 80-120 grit sandpaper.
2. Finish sand with 180-240 grit.

**TOPCOATING:**

May be topcoated with polyester, 2K urethane or 1K primer. Refer to paint manufacturer's instructions for topcoat application.

**TECHNICAL INFORMATION:**

Appearance as Packaged: Gold

VOC Packaged: 215 g/l - Applied: 0.8 g/l

Weight Per Gallon (Density): 8.45 pounds (Average)

Maximum Recommended Thickness (sanded): 1/4"

Viscosity @ 77°F 94,000 cps (Average)

Gel Time @ 77°F: 3.0 - 5.0 minutes

Shore "D" Hardness Values @ 24 hours: 50 - 55

Sanding Time @ 77°F: 15 - 20 minutes

Catalyst Required: Benzoyl Peroxide

Catalyzation Ratio: 2% by weight

Exotherm Temperature: 220°F (Average)

Tack Free Time: 10 - 15 minutes

Maximum Heat: 200°F for 30 minutes

**HEALTH & SAFETY:**

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. ADVANTAGE products are for industrial use by trained professionals only.

**Emergency Medical or Spill Control Information:**

In U.S. and Canada call CHEMTREC at 1-800-424-9300

# MSDS

## SECTION 1 – Chemical Product and Company Identification

**AUTOBODY BRANDS INTERNATIONAL** a division of

**INTERNATIONAL AUTOBODY MARKETING GROUP**

**1505 N. Hayden Rd., Suite 111**

**Scottsdale, AZ 85257**

**1-87 REFINISH**

**For Chemical Emergency:**

**CHEMTREC: 1-800-424-9300**

**PRODUCT NAME: ADVANTAGE #801 Bodyfiller**

**PRODUCT CODE: #803**

**SYNONYM/CROSS REFERENCE: Polyester Paste Filler for  
Galvanized Surfaces**

**SCHEDULE B NUMBER: 3214.10.0090**

## SECTION 2 – Hazard Identification

**OVEREXPOSURE EFFECTS:**

**ACUTE EFFECTS:**

**EYES:** Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

**SKIN:** Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed through the skin.

**INHALATION:** Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.

**INGESTION:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**PRIMARY ROUTES OF EXPOSURE:** skin, inhalation, eyes

## SECTION 3 – Composition, Information or Ingredients

INGREDIENTS	WGT%	CAS #
Styrene	15-20%	100-42-5
Calcium Carbonate	25-35%	1317-65-3, 471-34-1
Glass Beads	1-10%	1344-09-8, 7775-19-1
Silicon Dioxide	1-3%	7631-86-9
Talc	10-20%	14807-96-6

#### **SECTION 4 – First Aid Measures**

INHALATION: If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

SKIN: For skin contact, wash promptly with soap and excess water.

EYES: For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.

INGESTION: If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

#### **SECTION 5 – Fire-Fighting Measures**

FLASH POINT: 100°F/38.2°C Seta Flash Closed cup

LOWER FLAMMABLE LIMIT %: N/E

UPPER FLAMMABLE LIMIT %: N/E

FIRE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: Closed containers exposed to high temperatures, such as fire conditions may rupture.

#### **SECTION 6 – Accidental Release Measures**

SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

#### **SECTION 7 – Handling and Storage**

SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

#### **SECTION 8 – Exposure Controls and Personal Protection**

INGREDIENTS	CAS #	TLV/PEL
Styrene	100-42-5	ACGIH TLV 20 ppm, STEL 40 ppm OSHA PEL 100 ppm, CPEL 200 ppm
Calcium Carbonate	1317-65-3, 471-34-1	OSHA PEL 5 mg/m <sup>3</sup> (respirable) OSHA PEL 15 mg/m <sup>3</sup> total
Glass Beads	1344-09-8, 7775-19-1	ACGIH TWA 10 mg/m <sup>3</sup>

Silicon Dioxide	7631-86-9	OSHA TLV 15 mg/m <sup>3</sup>
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Talc	14807-96-6	ACGIH TLV 2 mg/m <sup>3</sup> OSHA PEL 20 mppcf
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RESPIRATORY PROTECTION: If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

PROTECTIVE GLOVES: To prevent prolonged exposure use rubber gloves; solvents may be absorbed through the skin.

EYE PROTECTION: Safety Glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact.

### **SECTION 9 – Physical and Chemical Properties**

APPEARANCE: Golden yellow, smooth paste

SPECIFIC GRAVITY: 1.06

VAPOR PRESSURE (mmHG): Heavier than air

BOILING POINT: N/A

VAPOR DENSITY: Heavier than air

EVAPORATION RATE (Ethyl Ether = 1): Slower than Ethyl Ether

VOLATILES BY WEIGHT: 15-20%

SOLUBILITY IN WATER: None

VOC: Grams/liter = less exempts 215; loss upon curing 0.8 g/l

### **SECTION 10 – Stability and Reactivity**

STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, heat, electrical and static discharge.

INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalis, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide, and Carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

### **SECTION 11 – Toxicological Information**

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: Eye, skin, lung, and central nervous system damage.

CARCINOGEN: YES \_\_\_ NO X

TERATOGEN: YES \_\_\_ NO X

MUTAGEN: YES \_\_\_ NO X

#### STYRENE CARCINOGENICITY

Styrene is listed by IARC to be a possible carcinogen. Styrene studies have shown that Styrene causes cancer in certain laboratory animals. However, there is insufficient evidence to conclude that Styrene is a human carcinogen.

### SECTION 12 – Ecological Information

N/E

### SECTION 13 – Disposal Considerations

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

### SECTION 14 – Transport Information

#### For Ground Transport: In USA

Consumer Commodity ORM-D or Limited Quantity

#### For Air Transport:

Must be re-boxed to UN specified packaging in quantities of no more than 5 kg per fiberboard box

UN3269, Polyester Resin Kit, 3, PGIII

Packing Instruction 370

#### For Ocean Transport:

UN3269, Polyester Resin Kit, 3, PGIII, F/P 40°C

EMS # F-E, S-D, In limited quantity

### SECTION 15 – Regulatory Information

CALIFORNIA PROPOSITION 65:

Trace amounts of some chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm may be present in this product.

#### SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CHEMICAL NAME	CAS %	BY WGT
Styrene	100-42-5	15-20%

This information must be included in all MSDS that are copied and distributed for this chemical.

### SECTION 16 – Other Information

HMIS RATING:

Health	2	4 = Extreme
Fire	2	3 = High
Reactivity	1	2 = Moderate 1 = Slight 0 = Insignificant

Personal Protection - See Section VIII

## **ABBREVIATIONS**

IARC	= International Agency for Research on Cancer
ACGIH	= American Conference of Governmental Industrial Hygienists
NIOSH	= National Institute of Occupational Safety and Health
TLV	= Threshold Limit Value
PEL	= Permissible Emission Level
DOT	= Department of Transportation
NTP	= National Toxicology Program
N/AV	= Not Available
N/AP	= Not Applicable
N/E	= Not Established
N/D	= Not Determined

PREPARED FOR:  
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**1505 N. Hayden Rd., Suite 111**

**Scottsdale, AZ 85257**

**PH 1-87 REFINISH**

DATE REVIEWED: January 5, 2012

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.

Print Date: 1/11/2012