



# 21013 SOLARAY™ UV HEADLIGHT REPAIR

## TECHNICAL DATA SHEET

### Description

**21013 SOLARAY UV HEADLIGHT REPAIR** is a clear, UV cured aerosol coating designed to improve the appearance, clarity and light output of yellowed, hazy or oxidized plastic headlights. **21013** exhibits excellent adhesion, durability and UV resistance while improving the functionality of the headlights.

### Features

- **Renews plastic headlights improving vehicle safety and appearance**
- **Quick curing**
- **UV cured coating technology provides superior durability**
- **Increases Candela light output by up to 200%**

### Typical Properties

Container	12 oz aerosol
Cure time	2 minutes with a 400 watt lamp
Coverage	~ 1900 in <sup>2</sup> /can – 2 coats

### Handling and Application

#### PREPARATION:



1. Wash surface with **39362 SEM SOAP** and a gray scuff pad. Rinse with water and dry.
2. Clean with **3835( ) PLASTIC/LEATHER PREP**.
3. Wet sand the surface with 400 grit paper to remove the factory coating. Removing the factory coating is important to ensure proper adhesion.
4. Next, wet sand with 800 grit paper, then 2000-3000 grit paper to remove any sand scratches.
5. Re-clean with **3835( )** and allow to dry.
6. Mask off areas to protect from overspray.

#### APPLICATION:



1. Shake well.
2. Spray 2 coats of **21013 SOLARAY UV HEADLIGHT REPAIR** allowing a 2 minute flash time between coats. Allow final coat to flash 5 minutes before exposing to UV lamp.
3. Cure using UVA band light source at a distance of 10” (25cm) for 2 minutes.  
**NOTE:** Cure time will vary depending on lamp energy output and footprint.

#### STORAGE:



**21013 SOLARAY UV HEADLIGHT REPAIR** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **21013** is 2 years when stored under normal conditions.

#### TECHNICAL CONSULTATION SERVICE

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

**DISCLAIMER:** The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

Users should review the Material Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and product label are available upon request.