



*Coatings Excellence Since 1899*

## PRODUCT DATA SHEET

### Exterior Alkyd Quick Dry Shopcoat Primer Gray

**Product Code:** 131800

#### DESCRIPTION

Exterior Alkyd Quick Dry Shopcoat Primer is formulated for use on structural steel, piping, iron work and other metal surfaces. It forms a tough durable film that is not easily damaged when handled and shipped without a topcoat and it provides outstanding weather resistance.

#### FEATURES

- High Solids
- Excellent Hold Out
- Extensive Range of Applications
- Ready to Use
- Low VOC

#### CLEAN SURFACE IMPERATIVE

All surfaces must be clean and dry with no contaminants (e.g. dirt, oil, grease), mildew growth or foreign substances (e.g. paint flakes, rust, oxides, release agents, chemicals) present. Solvent cleaning will remove oil, grease and related contaminants but it does not remove rust or mill scale. Hand tool or power tool cleaning will remove loose rust and loose mill scale.

#### NEW STEEL

For best results give a commercial blast cleaning to at least the minimum standards specified by SSPC-SP-6.

Society for Protective Coatings- <http://www.sspc.org/standards/spscopes.html>

#### PREVIOUSLY PAINTED SURFACES

Wash and rinse away any oil or grease residue. Dull gloss areas with a light sanding then remove all sanding dust and remove any loose paint. Clean all areas with rust, blistering, cracking or peeling down to bare metal (SSPC-SP2 or -SP3). If a considerable portion of the surface requires cleaning then sandblast the entire surface (SSPC-SP7) and prime.

Society for Protective Coatings- <http://www.sspc.org/standards/spscopes.html>

#### BLAST CLEANING

After blast cleaning there should not be any contaminants present that are visible without optical magnification.

#### PHYSICAL PROPERTIES

Vehicle Type:	Alkyd
Flash Point:	-4 °F
Weight Solids:	69 - 73 %
Volume Solids:	47 - 51 %
Weight Per Gallon:	11.6 - 12.0 lbs/gal
Stormer Viscosity (25°C):	60 - 65 sec
60° Gloss:	> 3
English VOC:	< 3.3 lbs/gal
Metric VOC:	< 400 g/l
Dry to Touch:	15 min
Dry Film Thickness:	792 sq ft (1 mil dry film)
Application Method:	Spray, brush, roll
Clean Up Solvent:	022008 Mineral Spirits

1. A light screening to roughen the surface is recommended after 48 hours cure to ensure proper intercoat adhesion.

4/30/2009 - This document supercedes all previous product data sheets.

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**SAFETY:**

Before starting any of the following procedures, be sure you have and use Personal and Environmental Protective Equipment for all hazards involved. Please read the Material Safety Data Sheet information before using this product.

**ADVISORY:**

The National Paint and Coatings Association (NPCA) has determined that 80% of all paint and coatings failures can be directly related to improper or inadequate surface preparation.

National Paint and Coatings Association, [www.paint.org](http://www.paint.org)

**DANGER!**

**FLAMMABLE LIQUID AND VAPOR!**

**WARNING!**

**VAPOR HARMFUL!  
HARMFUL OR FATAL IF SWALLOWED;**

**PRECAUTIONS:**

Dry times for this product are based on laboratory tests at 77 °F and 50% relative humidity. Low temperature, high humidity, heavy application and excessive film build will extend drying times.

**WARNING:**

Use only with adequate ventilation. Do not breathe vapors or spray mists. Ensure fresh air entry during application and drying. If sanding, applying by spray application, or you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor mist levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

If you scrape, sand or remove old paint from any surface, you may release lead dust or other chemical dust hazards. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.

Wear a NIOSH-approved respirator to control dust exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

National Institute for Occupational Safety and Health, [www.cdc.gov/niosh/programs/](http://www.cdc.gov/niosh/programs/)  
Mine Safety and Health Administration, [www.msha.gov](http://www.msha.gov)

**FIRST AID:**

If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

**SPILL:**

If spilled, contain spilled material and remove with inert absorbent.

**DISPOSAL:**

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Always consult your Sampson Coatings Representative for Special Problem Applications.

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