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## MATERIAL SAFETY DATA SHEET

### **MSDS FORM C: ALKYD EMULSION COATINGS**

The following Material Safety Data Sheet (MSDS) is being provided pursuant to requirements of the Fed/OSHA (29 CFR 1910.1200) and Cal/OSHA (8 CCR 5194) Hazard Communication Standards. The health and hazards information given here is based on data believed to be accurate by Dunn-Edwards Corporation; we do not, however, assume any liability for the accuracy or completeness of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones that may exist. All persons intending to rely on any recommendation, or to use any technique, equipment, or material mentioned should first satisfy themselves that they can meet all applicable safety and health standards.

The following MSDS supersedes any previously issued MSDS for each product covered. The reader is advised to destroy any obsolete MSDS and refer only to this MSDS. As permitted by OSHA, each MSDS may apply to a class of products which have similar hazards and contents.

Products covered by this MSDS are listed below:

**AWLL50-0:** ARISTOWALL Semi-Gloss  
**AWLL60-0:** ARISTOWALL Gloss  
**BIPR00-0:** BLOCK-IT Premium  
**BRPR00-1-RO:** BLOC-RUST Premium, Red Oxide  
**BRPR00-1-WH:** BLOC-RUST Premium, White  
**DURA50-0:** DURAFLO Semi-Gloss  
**DURA60-0:** DURAFLO Gloss  
**W 4240:** DURAFLO

**MATERIAL SAFETY DATA SHEET**

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DATE OF PREPARATION: 03/03/2011

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**SECTION I - PRODUCT IDENTIFICATION**  
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MSDS FORM C:

HMIS CODES:    H    F    R    PP  
                  1    0    0    E

ALKYD EMULSION COATINGS  
(SEE COVER PAGE FOR LIST OF PRODUCTS COVERED)

U.S. DOT SHIPPING DESCRIPTION: (Non-Regulated)

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**SECTION II - HAZARDOUS INGREDIENTS**  
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INGREDIENT	CAS NUMBER	%WT	ACGIH				OSHA EXPOSURE LIMITS		VAPOR PRESS mmHg @ TEMP
			TLV/TWA PPM	TWA PPM	MG/M <sup>3</sup>	STEL MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>	
Polyalkylene Glycol Alkyl Ether	09038-95-3	<5%	-	-	-	-	-	N/A	

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**SECTION III - PHYSICAL AND CHEMICAL DATA**  
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BOILING RANGE: 200-225°F  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.4  
SOLUBILITY IN WATER: Partly soluble.  
APPEARANCE AND ODOR: Liquid dispersion with mild odor.

EVAPORATION RATE: Slower Than Ether.  
VAPOR DENSITY: Heavier Than Air.  
VOLATILE VOLUME: 60%

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
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FLAMMABILITY CLASSIFICATION: N/A  
FLASH POINT: N/A                      LEL: N/A                      UEL: N/A  
EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Liquid material is non-combustible, but dried films are capable of supporting combustion when in contact with open flames. Closed containers can develop internal pressure and may rupture when subjected to extreme heat.  
SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus in confined spaces. Observe recommended procedures for handling ordinary combustible materials.

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**SECTION V - HEALTH HAZARD DATA**  
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POTENTIAL ROUTES OF ENTRY / SIGNS AND SYMPTOMS OF EXPOSURE  
INHALATION: Exposure to high vapor concentration may irritate mucous membranes and respiratory tract. Extreme overexposure may produce dizziness, headache, and nausea.  
EYE CONTACT: Direct contact may cause eye irritation, redness, and tearing.  
SKIN CONTACT: Prolonged contact may cause transient reddening of the skin.  
SKIN ABSORPTION: Available information provides no evidence of adverse effects.  
INGESTION: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, and respiratory system disorders, and unusual allergic sensitivity.

CHRONIC OR DELAYED HEALTH HAZARDS: Available information provides no evidence of chronic or delayed health hazards associated with exposure to this product.

CARCINOGENICITY:    NTP? NO.    IARC MONOGRAPHS? NO.    OSHA REGULATED? NO.    PROP 65? NO.

EMERGENCY AND FIRST AID PROCEDURES: If affected by inhalation of vapor, move victim to fresh air. If not breathing, apply artificial respiration and call emergency medical care. For eye contact, flush eyes with fresh water for at least 15 minutes. If irritation persists, seek medical attention. For skin contact, wash thoroughly with soap and water. Remove any contaminated clothing. If swallowed, have victim drink enough fresh water to ensure dilution. Call emergency medical care.

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**SECTION VI - REACTIVITY DATA**  
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STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion can produce carbon monoxide and/or carbon dioxide.  
CONDITIONS TO AVOID: Avoid storage or use at temperatures below 40°F. Avoid freezing.  
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid water-reactive materials, strong oxidizers, acids and alkalis.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING, STORAGE, AND DISPOSAL**  
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PRECAUTIONS FOR HANDLING AND STORAGE: Keep containers closed when not in use. Do not handle or store near heat, flame, or strong oxidizers, acids and alkalis. Store in cool, well-ventilated area. Rotate stock, use older material first. Inspect all containers for leaks.  
STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED: Dike and absorb spilled liquid with inert material such as clay granules, sand, earth, or sawdust. Use rags to clean up small amounts of spilled material.  
WASTE DISPOSAL METHOD: Collect contaminated absorbent material and rags into a suitable container and dispose in accordance with all applicable local, state, and federal regulations.

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**SECTION VIII - CONTROL MEASURES FOR SAFE USE**  
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RESPIRATORY PROTECTION: For spray application, use particulate filter mask to avoid breathing spray mist. Exposed persons with unusual allergic sensitivity may need organic vapor respirator (NIOSH/MSHA TC 23C or equivalent).  
VENTILATION: For interior use, general mechanical ventilation may be sufficient to disperse vapor. Otherwise, open doors and windows or use portable fans to provide local exhaust.  
EYE PROTECTION: Use safety glasses, goggles, or face shield to protect eyes.  
PROTECTIVE GLOVES: Use waterproof gloves (e.g., latex, vinyl, rubber, neoprene) to avoid skin contact.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Waterproof headcovering and general protective clothing are recommended for protection as necessary.  
WORK/HYGIENIC PRACTICES: Wash hands and face before eating.

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**SECTION IX - SPECIAL CAUTIONS**  
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Do not store in areas subject to freezing temperatures. Keep above 40°F at all times. Use only with adequate ventilation or protection. Avoid breathing spray mist or vapor. Do not ingest. Avoid contact with skin. Close container after each use. Keep out of reach of children.

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**SECTION X - TRANSPORTATION INFORMATION**  
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Shipping Requirements: Products covered by this MSDS are not subject to DOT, IATA/ICAO, or IMO/IMDG transportation regulations. Acceptable for air transport as non-hazardous goods.

\*\*\*\*\* DISCLAIMER \*\*\*\*\*

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