

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Duro-Shield™ Acrylic Roof Primer

**PRODUCT CODE:** 1606

**GENERAL USE:** Roof Primer

**PRODUCT DESCRIPTION:** PIGMENTED ACRYLIC COPOLYMER EMULSION

<b>MANUFACTURER'S NAME</b> Duro-Last @, Inc.		<b>DATE PREPARED:</b> January 6, 2017
<b>ADDRESS (NUMBER, STREET, P.O. BOX)</b> 525 Morley Drive		<b>SUPERSEDES:</b> N/A
<b>CITY, STATE &amp; ZIP CODE</b> Saginaw, MI. 48601		<b>TELEPHONE NUMBER FOR INFORMATION</b> 989-430-0911
<b>COUNTRY</b> USA	<b>EMERGENCY TELEPHONE NUMBER</b> 1-800-424-9300 (Chemtrec)	

## SECTION 2 - HAZARDS IDENTIFICATION

HMIS III: H1/FO/PHO

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION B / SAFETY GLASSES GLOVES

**GHS Signal Words:**

Warning

**GHS Hazard Pictograms:**



**GHS Classification:**

Health, Skin corrosion / irritation, 2  
 Health, Respiratory or skin sensitization, 1 Skin  
 Health, Serious Eye Damage / Eye Irritation, 2A

**GHS Phrases:**

H315 - Causes skin irritation  
 H317 - Respiratory or Skin sensitization, 1 Skin  
 H319 - Causes serious eye irritation

**GHS Precautionary Statement:**

P273 - Avoid release to the environment  
 P280 - Wear protective gloves / protective clothing / eye protection / face protection  
 P302 + 352 - IF ON SKIN: Wash with soap and water  
 P305 + 351 + 338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses continue rinsing  
 P501 - Dispose of contents / container in accordance with local regulations

**Hazardous Classification:** Irritant Category 2

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<b>HAZARDOUS COMPONENT</b>	<b>CAS #</b>	<b>% By Weight</b>
PROPYLENE GLYCOL	57-55-6	1.6 %
ZINC OXIDE	1314-13-2	4.80 %
TITANIUM DIOXIDE	13463-67-7	14.2 %
MICA	12001-26-2	2.00 %
TEXANOL	2565-77-4	1.23%
ACRYLIC POLYMER EMULSION	7732-18-5	19.60%
WATER	7732-18-5	56.30%

**SECTION 4 - FIRST AID MEASURES**

**ROUTES OF EXPOSURE:** Inhalation of vapor or mist. Eye or skin contact with the product, vapor or mist.

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**SKIN:** Wash affected area thoroughly with soap and water.

**INHALATION:** If affected. Remove from exposure. Restore breathing. Keep quiet and warm.

**INGESTION:** Do not induce vomiting. Get medical attention immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

Water based coating. Will not burn under normal circumstances.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat.

### SPECIAL FIRE FIGHTING PROCEDURES

Water may be used to cool to prevent pressure build up.



## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid breathing fumes. Wear proper personal protection equipment.

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers/surface or ground water.

### METHODS OF CLEAN UP

Absorb spill with vermiculite, floor absorbent or other absorbent materials.



## SECTION 7 - HANDLING AND STORAGE

### SAFE HANDLING

Avoid breathing vapors or spray mist.

### FIRE PREVENTION

The product itself will not burn.

### STORAGE

Keep container closed in a dry, well ventilated place.



## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	CAS #			WT %
WATER	7732-18-5			56.30%
PROPYLENE GLYCOL	57-55-6			1.60 %
ZINC OXIDE	1314-13-2			4.80 %
TITANIUM DIOXIDE	13463-67-7			14.20 %
MICA	12001-26-2			2.00 %
TEXANOL	2565-77-4			1.50%
ACRYLIC POLYMER EMULSION	7732-18-5			19.60%

### RESPIRATORY PROTECTION

Whenever workers are in concentrations above the exposure limit they must use appropriate NIOSH/MSHA approved respirators.

### SKIN PROTECTION

Wear impervious gloves and apron to prevent skin contact.

### EYE/FACE PROTECTION

Use splash-proof safety goggles or face shield.

### OTHER PRECAUTIONS

Eyewash station and safety shower should be available within the workplace.

### ENGINEERING CONTROLS

Local exhaust preferable. General exhaust is acceptable if maintained below applicable exposure limits.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE	LIQUID
ODOR	SLIGHT AMMONIA
COLOR	WHITE
PH	8.0 - 9.0
BOILING POINT	212 Deg F
FREEZING POINT	32 Deg. F
FLAMMABILITY	NONE
RELATIVE DENSITY	1..26
SOLUBILITY	COMPLETE
VOC CONTENT	98.0 grams / liter

## **SECTION 10 - STABILITY AND REACTIVITY**

### **MATERIALS TO AVOID**

None

### **HAZARDOUS REACTIONS**

Stable

### **HAZARDOUS POLYMERIZATION**

Will not occur

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

### **ACUTE EFFECTS**

None known

### **CRYSTALLINE SILICAS**

Exposures to respirable Crystalline silica are not expected during normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

## **SECTION 12 - ECOLOGICAL INFORMATION**

### **ECOLOGICAL EFFECTS**

This product has no known adverse ecological effects.

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Collect and dispose of in accordance with Federal, State/Provincial and Local Laws and Regulations.

Do not contaminate ground water and environment.

Recycle empty buckets or bags.

## **SECTION 14 - TRANSPORT INFORMATION**

Non - regulated, not classified as dangerous.

## **SECTION 15 - REGULATORY INFORMATION**

Observe the general safety regulations when handling.

### **CALIFORNIA PROPOSITION 65**

**WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

### **TSCA CERTIFICATION**

**All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.**

SARA 313 Not considered hazardous.

EPCRA 302 Not considered hazardous.

EPCRA 304 Not considered hazardous.

RCRA Hazardous Waste: Not Listed

## **SECTION 16 - OTHER INFORMATION**

This product is not intended for use in food or pharmaceuticals.

The information provided in this Safety Data Sheet is, to the best of our knowledge, correct. The data set forth on this sheet is based on information provided by the suppliers of raw materials and chemicals used in the production and manufacture of the aforementioned products. Duro-Last®, Inc. makes no warranty with respect to the accuracy of the information provided by the suppliers, and disclaims all liability or reliance thereof. Buyer assumes all risk of use, storage and handling of the product in accordance with federal, state and local laws and regulations.