

# Duro Shine Sealers LLC

## SAFETY DATA SHEET

EFFECTIVE DATE: 6/3/2015

### Section 1: Identification

**PRODUCT:** 646 Plus Satin/ Low Gloss Sealer

**CHEMICAL FAMILY:** WATER BASED SELF-CROSSLINKING ACRYLIC/ POLYURATHANE  
FILM FORMING EMULSION

**CHEMICAL TYPE:** LOW GLOSS/ SATIN TILE & CONCRETE SEALER

**MANUFACTURED BY:** Duro Shine Sealers  
Po Box 5358  
North Hollywood, Ca. 91616

**EMERGENCY ASSISTANCE**  
FOR EMERGENCY ASSISTANCE CALL 818 982-6412

### Section 2: Hazard(s) Identification

**2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR**

**HEALTH:** 3

**FLAMMABILITY:** 0

**PHYSICAL HAZARD:** 0

1910.1200 (OSHA HAZCOM2012)

|                 |             |
|-----------------|-------------|
| Skin Irritation | Category 2  |
| Eye Irritation  | Category 2B |

**2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012**

**2.2a SIGNAL WORD:**

Warning!

**2.2b HAZARD STATEMENTS**

Causes skin irritation

Causes eye irritation

**2.2c HAZARD PICTOGRAMS**



**2.2d PRECAUTIONARY STATEMENTS**

|                      |   |
|----------------------|---|
| <b>I: PREVENTION</b> | Wash hands thoroughly after handling. Do not breathe fumes, or spray. Wear protective gloves, clothing, eye and face protection. Be sure all protective measures are understood prior to use. |
| <b>II: RESPONSE:</b> | If in eyes; immediately rinse carefully for several minutes with water. On skin; wash with plenty of water, and soap. If skin irritation occurs; seek medical advice or attention.            |
| <b>III: STORAGE:</b> | Store at room temperature in well ventilated area. Keep container tightly closed. Check periodically for leaks, or ruptures.  |
| <b>IV: DISPOSAL:</b> | Dispose of contents, and / or containers in accordance with all local, state, and federal regulations Do not dump liquid chemicals in the trash.  |

**2.3 ADDITIONAL INFORMATION:**

**2.3a WHMIS CLASSIFICATION:**

Class D2B – Skin/ Eye Irritant

**2.3b LABEL ELEMENTS ACCORDING TO WHMIS**

**1: WHMIS HAZARD SYMBOLS**



**II: SIGNAL WORD**

**CAUTION!**

| <b>Section 3: Composition/Information on Ingredients</b>         |                                      |
|--|--------------------------------------|
| DIPROYLENE GLYCOL METHYL ETHER – CAS# 034590-94-8 - < 2% BY VOL. | VAPOR PRESSURE .041 mm hg @ 25C      |
| DIPROPYLENE GLYCOL N-BUTYL ETHER - CAS# 29911-28-2 - <2% BY VOL. | VAPOR PRESSURE 0.04 MM HG@ 20C.      |
| BENZOFLEX 50 CAS# 120-55-8 <1% BY VOL.                           | VAPOR PRESSURE 000000229 mm hg @ 20C |

THIS PRODUCT IS A “HAZARDOUS CHEMICAL” AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

\*\*\*NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372 ARE PRESENT.\*\*\*

**Section 4: First-Aid Measures**

**4.1 DESCRIPTION OF FIRST AID MEASURES**

| <b>ROUTES OF EXPOSURE</b> | <b>DESCRIPTION</b>  |
|---------------------------|---|
| <b>Eye Contact:</b>       | <b>In case of contact with eyes; flush immediately with plenty of water for at least 15 minutes. Then remove contacts, if worn. Get medical help immediately.</b>               |
| <b>Skin Contact:</b>      | <b>In case of contact, immediately flush skin with plenty of water. Remove contaminated clothes and shoes. Wash clothes immediately and seek medical help if rash develops.</b> |

- Inhalation:** If having difficulty breathing; remove victim to fresh air and keep at rest. If victim continues to feel unwell; seek medical help.
- Ingestion:** If swallowed, do not induce vomiting unless instructed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**4.2 MOST IMPORTANT SYMPTOMS or EFFECTS, ACUTE OR DELAYED**

| <b>ROUTES OF EXPOSURE</b> | <b>DESCRIPTION</b>  |
|---------------------------|---|
| <b>Eye Contact:</b>       | Causes eye irritation. Symptoms may include pain, tearing, redness or excessive blinking. |
| <b>Skin Contact:</b>      | Causes skin irritation. Handling can cause dry skin, or dermatitis.                       |
| <b>Inhalation:</b>        | May cause respiratory tract irritation  |
| <b>Ingestion:</b>         | May be harmful if swallowed. Ingestion may cause discomfort, nausea, or vomiting.         |

**Section 5: Fire-Fighting Measures**

**5.1 FLAMMABILITY**

**FLAMMABILITY:** Not Flammable by WHMIS/OSHA HAZCOM 2012 Criteria

**5.2 EXTINGUISHING MEDIA**

**5.2a Suitable Extinguishing Media:**

CO2, FOAM, DRY CHEMICAL, OR WATER FOG

SPECIAL FIRE FIGHTING PROCEEDURES: WATER MAY BE USEFUL IN COOLING CONTAINERS EXPOSED TO HEAT AND FLAME.

**5.3 SPECIFIC HAZARDS ARISING FROM THIS CHEMICAL**

**5.3a Products of Combustion:**

CLOSED CONTAINERS MAY RUPTURE DUE TO PRESSURE FROM HEAT AND OR FLAME.

**Section 6: Accidental Release Measures**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

USE PERSONAL PROTECTION RECOMMENDED IN SECTION 2 .2d I AND SECTION 8. ISOLATE AREA FROM UNPROTECTED PERSONNEL.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP**

VACUUM OR SWEEP MATERIAL INTO A DISPOSAL CONTAINER. DIPOSE OF UNWANTED MATERIAL IN ACCORDANCE WITH ALL LOCAL, NATIONAL AND INTERNATIONAL REGULATIONS.

**Section 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

**Handling:** USE IN WELL VENTILATED AREAS. WEAR EYE PROTECTION AND CHEMICAL RESISTANT GLOVES. USE OF A CHEMICAL RESIPRATOR RECOMMENDED. DO NOT GET IN EYES, ON SKIN OR CLOTHING. MASK OFF AND PROTECT AREAS YOU DO NOT PLAN TO SEAL.

**HYGENE ADVICE:** DO NOT EAT, DRINK OR SMOKE WHILE USING THIS PRODUCT. CLEAN CONTAMINATED AFTER USE .



## 7.2 CONDITIONS FOR SAFE STORAGE.

KEEP CONTAINER TIGHTLY CLOSED. STORE AT ROOM TEMPERATURE, KEEP OUT OF REACH OF CHILDREN.

## Section 8: Exposure Controls/Personal Protection

### 8.1 CONTROL PARAMETER

RESPIRATORY PROTECTION: IN POORLY VENTILED AREAS; USE N.I.O.S.H. APPROVED RESPIRATOR, OR SUPPLIED AIR EQUIPMENT. VENTILATION: MAINTAIN GOOD AIR FLOW. AVOID VAPORS. ADDITIONAL VENTILATION OR EXHAUST SYSTEMS MAY BE REQUIRED. PROTECTIVE GLOVES: USE OF IMPERVIOUS GLOVES IS ADVISED TO PREVENT SKIN CONTACT AND POSSIBLE IRRITATION.

EYE PROTECTION: USE SAFETY GOGGLES OR GLASSES ARE RECOMMENDED. OTHER PROTECTIVE EQUIPMENT: USE IMPERVIOUS CLOTHING IF NESSESARY. IT IS SUGGESTED THAT A SOURCE OF CLEAN WATER BE AVAILABLE IN THE WORK AREA FOR FLUSHING EYES AND SKIN. WORK/ HYGIENIC PRACTICES: EYE BATH AND SAFETY SHOWER RECOMMENDED.

## Section 9: Physical and Chemical Properties

BOILING POINT: >212 DEG. F.

VAPOR DENSITY: HEAVIER THAN AIR

V.O.C.: 99.26 G/L

SOLUBILITY IN WATER: SOLUBLE

APPEARANCE AND ODOR: MILKY WHITE WITH SOLVENT ODOR.

SPECIFIC GRAVITY (H20=1): 1.0

EVAPORATION RATE: SLOWER THAN ETHER

PH: 7.5-8.0

PRODUCT DENSITY: 8.48 LB. PER GAL.

## Section 10: Stability and Reactivity

### 10.1 REACTIVITY

NO HAZARDOUS REACTIONS ARE EXPECTED UNDER NORMAL INDUSTRIAL CONDITIONS.

### 10.2 CHEMICAL STABILITY

THIS PRODUCT IS STABLE INDUSTRIAL CONDITIONS.

### 10.3 POSSIBILITY OF HAZADOUS REACTION

NO HAZARDOUS REACTIONS ARE EXPECTED UNDER NORMAL INDUSTRIAL CONDITIONS.  
HAZARDOUS POLYMERZATION: WILL NOT OCCUR

### 10.4 CONDITIONS TO AVOID

HEAT AND OPEN CONTAINERS.  
AVOID FREEEZING AND KEEP IN COOL AREA IN CLOSED CONTAINER.

### 10.5 INCOMPATIBLE MATERIALS

STRONG ACIDS OR STRONG OXIDIZERS

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

POSSIBILITY OF CO2 OR CO FROM FIRE.

## Section 11: Toxicological Information

### 11.1 LIKELY ROUTES OF EXPOSURE:

SKIN CONTACT, EYE CONTACT, INHALATION, AND INGESTION.

**11.2 SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL EXPOSURE:**

**EYE CONTACT:** CAUSES EYE IRRITATION. SYMPTOMS MAY INCLUDE PAIN, OR EXCESSIVE BLINKING, OR TEARING. REDNESS OR SWELLING.

**SKIN CONTACT:** CAUSES SKIN IRRITATION. HANDLING CAN CAUSE IRRITATION, OR DERMATITIS.

**INHALATION:** MAY CAUSE RESPIRATORY IRRITATION

**11.3 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE**

**SKIN CORROSION/ IRRITATION:** CAUSES SKIN IRRITATION.

**SERIOUS EYE DAMAGE/ IRRITATION:** CAUSES EYE IRRITATION.

**Section 12: Ecological Information**

**12.1 ECOTOXICITY**

MAY CAUSE LONG TERM ADVERSE EFFECTS TO AQUATIC ENVIRONMENT, KEEP FROM ENTRY TO SEWERS AND WATERWAYS.

**Section 13: Disposal Considerations**

**13.1 DISPOSAL METHOD**

DISPOSE OF CONTENTS/ CONTAINERS IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

**Section 14: Transportation Information**

PRODUCT IS NOT REGULATED UNDER DOT/TDG AND OTHER TRANSPORTATION REGULATIONS.

**Section 15: Regulatory Information**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE CHEMICAL**

THIS PRODUCT IS NOT FOR EXPORT FROM THE UNITED STATES.

**USA:** SDS PREPARED PURSUANT TO THE HAZARD COMMUNICATIONS STANDARD (CFR29 1910.1200) HazCom 2012

**STATE RIGHT TO KNOW:** THE FOLLOWING PRODUCT COMPONENTS ARE CITED ON CERTAIN STATE LISTS AS MENTIONED. NON-LISTED COMPONENTS MAY BE SHOWN IN THE COMPOSITION SECTION OF THIS SDS SHEET.

| CHEMICAL NAME                  | CAS #       | LIST |
|--------------------------------|-------------|------|
| DIPROYLENE GLYCOL METHYL ETHER | 034590-94-8 | PA1  |

PA1 = PENNSYLVANIA HAZARDOUS SUBSTANCE (PRESENT AT GREATER OR EQUAL TO 1.0%)

THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

**Section 16: Other Information**

DATE OF PREPARATION: June 6, 2015

VERSION 1

PREPARED BY: DURO SHINE SEALERS LLC

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[WWW.DUROSHINE.COM](http://WWW.DUROSHINE.COM)

Sheet1

**646 Plus Satin/ Low Gloss Sealer**  
**Safety Data Sheet**