

# Duro Shine Sealers LLC

## SAFETY DATA SHEET

EFFECTIVE DATE: 6/3/2015

### Section 1: Identification

**PRODUCT: INVISI-GUARD SEALER**

**CHEMICAL FAMILY: WATER BASED SILANE MODIFIED FLOUROPOLYMER EMULSION**

**CHEMICAL TYPE: WATER BASED IMPREGNATING TILE AND 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)**

<b>Skin Irritation</b>	<b>Category 2</b>
<b>Eye Irritation</b>	<b>Category 2B</b>

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

**2.2a SIGNAL WORD:**

**Warning!**

**2.2b HAZARD STATEMENTS**

**Causes skin irritation**  
**Causes serious 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 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 advise 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!

**Section 3: Composition/Information on Ingredients**

POLYDIMETHYLSILOXANE < 1% BY VOL.  
SILANE MODIFIED FLOUROPOLYMER < 5%

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

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

<b>ROUTES OF EXPOSURE</b>	<b>DESCRIPTION</b>
<b>Eye Contact:</b>	<b>Causes eye irritation. Symptoms may include pain, tearing, redness or excessive blinking.</b>

**Skin Contact:** Causes skin irritation. Handling can cause dry skin, or dermatitis.  
**Inhalation:** May cause respiratory tract irritation  
**Ingestion:** 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:**

CO<sub>2</sub>, 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.: 1.8 G/L

SOLUBILITY IN WATER: SOLUBLE

APPEARANCE AND ODOR: OPAQUE WITH SLIGHT ODOR.

SPECIFIC GRAVITY (H2O=1): 1.0

EVAPORATION RATE: SLOWER THAN ETHER

PH: 7-8

PRODUCT DENSITY: 8.35 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 SYMTOMS RELATED TO PHYSICAL/CHEMICAL TOXICOLOGICAL EXPOSURE:**

**EYE CONTACT:** CAUSES EYE IRRITATION. SYMTOMS MAY INCLUDE PAIN, OR EXECSIVE BLINLING, 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 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

### **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**

**Invisi-Guard Sealer  
Safety Data Sheet**