

Duro Shine Sealers LLC

SAFETY DATA SHEET

EFFECTIVE DATE: 6/3/2015

Section 1: Identification

PRODUCT: 686 PLUS Ultra High Gloss Sealer

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

CHEMICAL TYPE: HIGH GLOSS 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

I: PREVENTION	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.
II: RESPONSE:	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.
III: STORAGE:	Store at room temperature in well ventilated area. Keep container tightly closed. Check periodically for leaks, or ruptures.
IV: DISPOSAL:	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

DIPROPYLENE GLYCOL N-BUTYL ETHER - CAS# 29911-28-2 - <3% BY VOL.

VAPOR PRESSURE 0.04 MM HG@ 20C.

BENZOFLEX 50 CAS# 120-55-8 <2% BY VOL.

VAPOR PRESSURE 000000229 mm hg @ 20C

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

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	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.
Skin Contact:	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.
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

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

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.: 82.8 G/L

SOLUBILITY IN WATER: SOLUBLE

APPEARANCE AND ODOR: MILKY WHITE WITH SOLVENT ODOR.

SPECIFIC GRAVITY (H2O=1): 1.0

EVAPORATION RATE: SLOWER THAN ETHER

PH: 7.5-8.0

PRODUCT DENSITY: 8.54 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 EXECSSIVE 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 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

Section 16: Other Information

DATE OF PREPARATION: June 6, 2015

VERSION 1

PREPARED BY: DURO SHINE SEALERS LLC

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**686 Plus Ultra High Gloss Sealer
Safety Data Sheet**