

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Duro-Shield™ Acrylic Maintenance Roof Coating

PRODUCT CODE: 8800

GENERAL USE: METAL ; CONCRETE ASPHALT

PRODUCT DESCRIPTION: PIGMENTED ACRYLIC COPOLYMER EMULSION

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

HAZARDOUS COMPONENT	CAS #	% By Weight
TITANIUM DIOXIDE	13463-67-7	8.20
CALCIUM CARBONATE	1317-65-3	23.50
CERAMIC MICROSPHERES	66402-68-4	2.80
ACRYLIC POLYMER EMULSION	122055-81-6	27.50
WATER	7732-18-5	38.00

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 %
TITANIUM DIOXIDE	13463-67-7			8.20%
CALCIUM CARBONATE	1317-65-3			23.50%
CERAMIC MICROSPHERES	66402-68-4			2.80%
ACRYLIC POLYMER EMULSION	122055-81-6			27.50%
WATER	7732-18-5			38.00%

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	Non-descript
COLOR	White
PH	8.5 to 9.0
BOILING POINT	212°F
FREEZING POINT	32°F
FLAMMABILITY	Non-flammable
RELATIVE DENSITY	1.20
SOLUBILITY	100%
VOC CONTENT	78.6 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.