

## Duro-Shield™ Brush-Grade Mastic

SECTION 1		PRODUCT AND COMPANY IDENTIFICATION	
Product Name:	Duro-Shield™ Brush-Grade Mastic		
Version:	2		
Identifier 1:	1220		
Identifier 2:	Latex Mastic		
Chemical Family:	Mixture		
Product Use:	Brush on Mastic		
Company Information:	Duro-Last®, Inc. 525 W Morley Dr. Saginaw, MI 48601 Phone: (800) 248-0280 Website: www.duro-last.com	Manufactured By:	Anvil Paints & Coatings, Inc. 1255 Starkey Road Largo, FL 33771 Phone: (800) 822-6776 Website: www.anvilpaints.com
Emergency Phone (24 hours):	INFOTRAC 1-800-535-5053 (US & Canada) 1-352-323-3500 (International)		
SECTION 2		HAZARD(S) IDENTIFICATION	

**Hazard Classification:**
**Health Hazards**

Skin Corrosion/Irritation, Category 2  
 Serious Eye Damage/Irritation, Category 2A  
 Skin Sensitization, Category 1

**Pictogram(s):**

**Signal Word:**

WARNING

**Hazard Statements:**

H315 - Causes skin irritation.  
 H317 - May cause an allergic skin irritation.  
 H319 - Causes serious eye irritation.

**Precautionary Statements:**
**Prevention**

P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray.  
 P264 - Wash skin thoroughly after handling.  
 P272 - Contaminated work clothing must not be allowed out of the workplace.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P302+P352 - IF ON SKIN: Wash with soap and water.  
 P305+P351+P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.  
 P333+P313 - IF skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 - IF eye irritation persists: Get medical advice/attention.  
 P362 - Take off and wash contaminated clothing before reuse.

**Disposal**

P501

- Dispose of contents/container in accordance with local, state, and federal regulations.

**SECTION 3****COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Ingredients**

Chemical Name	CAS Number	Concentration (%)
Titanium Dioxide (Unbound)*	13463-67-7	0.00 – 10.00%
Phthalate Ester	68515-42-4	0.00 – 10.00%
Water	7732-18-5	0.00 – 10.00%
Calcium Carbonate	1317-65-3	40.00 – 60.00%
Acrylic Polymer Emulsion	122055-81-6	40.00 – 60.00%

\*The hazards of the listed Titanium Dioxide are for its powder unbound form. When the chemical is used in applications such as textures or coatings, the chemical becomes bound and is not in its hazardous form.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**SECTION 4****FIRST-AID MEASURES****Inhalation:**

If affected:  
Move to fresh air.  
Restore breathing.  
Keep quiet and warm.  
Consult a physician after significant exposure, or feeling unwell.

**Skin Contact:**

Wash off with soap and plenty of water.  
If rash or irritation occurs, get medical advice or attention.

**Eye Contact:**

Immediately flush eye(s) with plenty of water.  
Remove contact lenses, if present, and easy to do so.  
Keep eye(s) wide open while rinsing.  
Get medical attention.

**Ingestion:**

Get medical attention immediately.  
Clean mouth with water and drink plenty of water afterwards.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects, Both Acute and Delayed:**

Irritant effects to the eyes and skin.  
Skin sensitization.

**Protection of First-Aiders:**

Move out of dangerous area.  
Consult a physician.  
Show this Safety Data Sheet to the doctor in attendance.

**Notes to Physician:**

Treat symptomatically.

## SECTION 5

## FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Water-based coating. Will not burn under normal circumstances.
<b>Unsuitable Extinguishing Media:</b>	N/A
<b>Specific Precautionary Methods:</b>	Closed containers may explode when exposed to extreme heat. Water may be used to cool to prevent pressure build-up.
<b>Special Protective Equipment for Firefighters:</b>	In the event of fire, wear self-contained breathing apparatus, if appropriate.  Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon Dioxide, and Hydrogen.

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

<b>Handling Precautions:</b>	Use personal protective equipment. Deny access to unprotected persons. Avoid breathing dust/fumes/gas/mist/vapors/spray.
<b>Environmental Precautions:</b>	Avoid flushing into or allowing chemical to enter surface water or sanitary sewer system. If large amounts of the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.
<b>Cleanup:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, or sawdust). Keep in suitable, closed containers for disposal.
<b>Regulatory Requirements:</b>	Follow applicable OSHA regulations (29 CFR 1940.120).

## SECTION 7

## HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid breathing vapors or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection, see section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating, and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
<b>Storage Requirements:</b>	Keep in a dry, well-ventilated place. Keep container tightly closed. Observe label precautions. Store in accordance with local regulations.

## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

## Exposure Limits

Component	CAS Number	Basis **	Value	Exposure Limit(s)* / Form of Exposure
Titanium Dioxide (Unbound)***	13463-67-7	OSHA	TWA	15 mg/m <sup>3</sup> (Total Dust)
		ACGIH	TLV	10 mg/m <sup>3</sup> (Total Dust)
Ground Limestone	1317-65-3	OSHA	TWA	15 mg/m <sup>3</sup> (50 mppcf)

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

**\*\*Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminant (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

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**Engineering Measures:**

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

**Personal Protective Equipment:**

**Respiratory Protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

**Hand Protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye Protection**

Splash-proof safety goggles or face shield complying with an approved standard should be used when a risk assessment indicates this is necessary.

**Skin and Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. Impervious gloves and apron are recommended to prevent skin contact.

**Hygiene Measures**

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

Avoid contact with skin, eyes, and clothing.

Wash hands before breaks and immediately after handling the product.

Remove respiratory and skin/eye protection only after vapors have been cleared from the area.

Remove contaminated clothing and protective equipment before entering eating areas.

Wash thoroughly after handling.

## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Paste
<b>Color:</b>	White
<b>Relative Density:</b>	N/A
<b>pH:</b>	8.5 to 9.0
<b>Odor:</b>	Non-descript
<b>Solubility:</b>	100%
<b>Flash Point:</b>	Non-flammable
<b>VOC:</b>	109.8 g/L
<b>Boiling Point:</b>	212°F
<b>Freezing Point:</b>	32°F

## SECTION 10

## STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	The product is chemically stable.
<b>Possibility of Hazardous Reactions:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight, as these conditions could lead to pressure build-up in a sealed container.

## SECTION 11

## TOXICOLOGICAL INFORMATION

## Toxicity

Hazardous Ingredient Name	Acute or Chronic?	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Dermal LC <sub>50</sub>
Titanium Dioxide (Unbound)*	Chronic (Inhalation)	> 10,000 mg/kg (rat)	≥ 10,000 mg/kg (hamster)	NE**
Ground Limestone	Acute	NE**	NE**	NE**

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\*\*NE = No Evidence

<b>Irritation:</b>	Skin irritation. Eye irritation.
<b>Sensitization:</b>	This product contains a known sensitizer.  Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## SECTION 12

## ECOLOGICAL INFORMATION

<b>Environmental Hazards:</b>	This product mixture is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Other Information:</b>	Do not empty into drains; dispose of this material and its container in accordance with state and local regulations. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains, and sewers.

SECTION 13	DISPOSAL CONSIDERATIONS
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**Disposal Methods:****Waste from Residues**

Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Contaminated Packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with local, state, and national regulations.

SECTION 14	TRANSPORT INFORMATION
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**DOT:**

Not dangerous goods.

**IATA:**

Not dangerous goods.

**IMDG:**

Not dangerous goods.

Non-regulated, not classified as dangerous.

SECTION 15	REGULATORY INFORMATION
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**TSCA List:**

Phthalate Ester (68515-42-4) is neither listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

**CERCLA Reportable Quantity:**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Reportable Quantity:**

This material does not contain any components with a section 304 EHS RQ.

**SARA 302:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act:**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

**Ozone-Depletion Potential:**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpart A, App.A + B).

**California Prop 65:**

**WARNING:** This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause [cancer](#) when unbound and airborne. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

SECTION 16	OTHER INFORMATION
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**Previous Editions:**

First Edition: 01/05/17

**Further Information:**

This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200

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**Disclaimer:**

To the best of our knowledge, the information contained herein is accurate. However Duro-Last®, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although Duro-Last®, Inc. has described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.