

## Duro-Blue<sup>®</sup>

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION
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<b>Product Name:</b>	Duro-Blue <sup>®</sup>
<b>Version:</b>	1
<b>Identifier 1:</b>	Coextruded Standard Blue Tint Polyethylene Film
<b>Identifier 2:</b>	Sheeting Compound
<b>Chemical Family:</b>	Plastic Sheet
<b>Product Use:</b>	Packaging of Various Items; Construction Film/Barrier

<b>Company Information:</b>	Duro-Last <sup>®</sup> , Inc. 525 W Morley Dr. Saginaw, MI 48601 Phone: (800) 248-0280 Internet Address: www.duro-last.com
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<b>Emergency Phone (24 hours):</b>	INFOTRAC 1-800-535-5053 (US & Canada) 1-352-323-3500 (International)
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SECTION 2	HAZARD(S) IDENTIFICATION
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<b>Hazard Classification:</b>	As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, this product is considered an article and does not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Duro-Last <sup>®</sup> would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.
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<b>Pictogram(s):</b>	N/A
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<b>Signal Word:</b>	N/A
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<b>Hazard Statements:</b>	N/A
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<b>Precautionary Statements:</b>	N/A
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## SECTION 3

## COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous Ingredients

Chemical Name	CAS Number	Concentration (%)
Copolymer of Ethylene	26221-73-8	> 98.0%
Diatomaceous Earth	68855-54-9	0.1 – 1.0%
Stearic Acid	57-11-4	0.5 – 1.5%
Crystalline Silica Quartz	14808-60-7	< 0.5%

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

<b>Inhalation:</b>	If affected: Move to fresh air. Restore breathing. Consult a physician after significant exposure, or feeling unwell.
<b>Skin Contact:</b>	Wash off with soap and plenty of water. If symptoms persist, call a physician.
<b>Eye Contact:</b>	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye(s) wide open while rinsing. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	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.
<b>Most Important Symptoms and Effects, Both Acute and Delayed:</b>	Irritant effects.
<b>Protection of First-Aiders:</b>	Move out of dangerous area. Consult a physician. Show this Safety Data Sheet to the doctor in attendance.
<b>Notes to Physician:</b>	Treat symptomatically.

## SECTION 5

## FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Water, Carbon Dioxide, dry chemical. General purpose synthetic foams (including AFFF type) or protein forms may be used. Alcohol resistant foams (ATC type) may also function.
<b>Unsuitable Extinguishing Media:</b>	N/A
<b>Specific Precautionary Methods:</b>	N/A
<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.

**SECTION 6****ACCIDENTAL RELEASE MEASURES**

- Handling Precautions:** Use personal protective equipment.  
Deny access to unprotected persons.  
Avoid breathing dust/fumes/gas/mist/vapors/spray.
- Environmental Precautions:** Do not flush into or allow chemical to enter surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.
- Cleanup:** Sweep up and discard. Bury in landfill or burn in an approved incinerator in accordance with applicable local, state, and federal regulations.
- Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1940.120).

**SECTION 7****HANDLING AND STORAGE**

- Handling Precautions:** 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.  
Smoking, eating, and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling articles.
- Storage Requirements:** Keep in a well-ventilated place.  
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
Diatomaceous Earth	68855-54-9	N/A	N/A	N/A
Silica Quartz	14808-60-7	N/A	N/A	N/A

\*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

- 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**

Impervious gloves complying with an approved standard should be worn at all times when handling products if a risk assessment indicates this is necessary.

**Eye Protection**

Safety eyewear 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 when a risk assessment indicates this is necessary.

**Hygiene Measures**

Avoid contact with skin and eyes.

Wash hands before breaks and immediately after handling the product.

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Blue Colored Polyethylene Film
<b>Color:</b>	Blue
<b>Relative Density:</b>	N/A
<b>pH:</b>	N/A
<b>Odor:</b>	None
<b>Solubility:</b>	Insoluble
<b>Flash Point:</b>	N/A

**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. Hazardous decomposition occurs above 300°C.
<b>Possibility of Hazardous Reactions:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Extreme temperatures can lead to decomposition of product.

**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>
Copolymer of Ethylene	*NE			
Diatomaceous Earth	*NE			
Stearic Acid	*NE			
Crystalline Silica Quartz	*NE			

\*NE = No Evidence

**Irritation:** Skin irritation.  
Eye irritation.

**Sensitization:** Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## SECTION 12

## ECOLOGICAL INFORMATION

## Environmental Data

Components	Species	Test Results
N/A	N/A	N/A

## Other Information:

## SECTION 13

## DISPOSAL CONSIDERATIONS

## 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. Bury in landfill or burn in an approved incinerator in accordance with applicable local, state, and federal regulations.

## SECTION 14

## TRANSPORT INFORMATION

**DOT:**

Not dangerous goods.

**IATA:**

Not dangerous goods.

**IMDG:**

Not dangerous goods.

Non-regulated, not classified as dangerous.

## SECTION 15

## REGULATORY INFORMATION

**TSCA List:**

All chemical substances in this product are either listed on the TSCA Inventory or are 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:**

N/A

**California Prop 65:**

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

## SECTION 16

## OTHER INFORMATION

**Further Information:**

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

**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.