



Safety Data Sheet

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Ennis-Flint
115 Todd Court
Thomasville, NC 27360

Company Phone Number: 1-800-331-8118
24-Hour Emergency Phone: 1-800-424-9300 CHEMTREC

Product Name: **DuraTherm™**

Issue Date: 08/17/2010

Revised Date: 04/04/2016

Version Number: 3

Product Use:

Intended Use: Pavement Marking
Specific Use: Pavement Marking

Section 2: HAZARDS IDENTIFICATION

Emergency Overview:

Form: Solid plastic sheet

Odor: No distinguishable odor

This product, as packaged, is an article and does not meet the requirements of a hazardous chemical as defined by the OSHA Hazard Communication Standard, CFR TITLE 29 1910-1200. This product contains a component suspected of causing cancer. However, it is in a non-respirable form and inhalation is unlikely to occur from exposure. This classification is relevant when exposed to dust or powder form only (e.g. sanding, grinding).

Classification Symbol(s) of Product: No GHS Symbols Exist

Signal Word: NA

Immediate health, physical, and environmental hazards:

The environmental properties of this product present a low environmental hazard. This product, when used under reasonable conditions and in accordance with the Ennis-Flint directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

Potential Health Effects:

See Section 11 for more information

Primary Route of Entry:

Not Applicable

Skin Contact:

Not relevant for cold product. Molten or heated thermoplastic material can cause serious burns to unprotected skin. Immediately immerse in or flush area with large amounts of cold water. Do not attempt to remove product from skin. Get prompt medical attention.

Eyes:

Not relevant for cold product. For contact with molten material or if exposed to excessive levels of dust created by cutting, sanding, grinding or machining, immediately flush eyes with plenty of water for at least 15 minutes.

Inhalation:

Not relevant for cold product. If exposed to excessive levels of dust or fumes, Remove to fresher air and get medical attention if symptoms develop.

Ingestion:

Do not induce vomiting. Give milk or water. Get medical attention.

Chronic:

None known

Section 3: COMPOSITION INFORMATION

Component Name	CAS #	% Composition
Titanium Dioxide	13463-67-7	<15%

Section 4: FIRST AID MEASURES

Inhalation:	If exposed to excessive levels of dust created by cutting, sanding, grinding or machining or fumes, remove to fresher air and get medical attention if symptoms develop.
Eyes:	For contact with molten material or if exposed to excessive levels of dust created by cutting, sanding, grinding or machining, immediately flush eyes with plenty of water for at least 15 minutes.
Skin:	For contact with molten material, immediately immerse in or flush area with large amounts of cold water. Do not attempt to remove product from skin. Get prompt medical attention.
Ingestion:	Do not induce vomiting. Give milk or water. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	500° F
Auto-ignition Temperature:	Not Determined
Limits of Flammability:	LEL: Not Determined UEL: Not Determined
Extinguishable Media:	Water, Water Spray, Dry Chemical, Foam or CO2
Special Fire & Unusual Hazards:	Fire fighters should wear self-contained breathing apparatus in the positive pressure mode with full-face piece when there is the possibility of exposure to smoke, fumes or hazardous decomposition products. The application of high velocity water will spread the burning material. May emit toxic fumes when burning.

Section 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:	Collect or scrape up. Allow molten hot materials to solidify.
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Section 7: HANDLING AND STORAGE

Handling:	Avoid skin contact with molten or heated thermoplastic material at all times Practice good personal hygiene. Avoid breathing of dust created by cutting, sanding, grinding or machining. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage:	Store in a cool dry place.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection: Leather or equivalent protective gloves are recommended. Protective work clothes that cover skin and industrial work shoes. Practice good personal hygiene.

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. Avoid breathing of dust created by cutting, sanding, grinding or machining.

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust for cutting, grinding, sanding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not Applicable	Solubility in Water:	Not soluble
Melting Point:	228° F - 255° F	Specific Gravity:	1.9 – 2.0
Vapor Pressure @ 20C:	Not Applicable	Evaporation Rate:	Not Applicable
Vapor Density:	Not Applicable	Odor:	No distinguishable
Appearance:	Solid Plastic Sheet		

Section 10: STABILITY AND REACTIVITY

Stability: Material is stable.

Hazardous Decomposition Products: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, CFR TITLE 29 1910-1200. However thermal processing and decomposition fumes from this product may be hazardous.

Hazardous Polymerization: Will not occur

Section 11: TOXICOLOGY INFORMATION

This product, as packaged, is an article and does not meet the requirements of a hazardous chemical as defined by the OSHA Hazard Communication Standard, CFR TITLE 29 1910-1200.

Section 12: ECOLOGICAL INFORMATION

This substance does not leach metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Characteristic Leaching Procedure) hazardous substances at concentrations that would make the product a hazardous waste.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Handle disposal of waste material in a manner which complies with local, state, province, and federal regulations.

Landfill if solidified or incinerate at agency approved waste-disposal facility

Section 14: TRANSPORTATION INFORMATION

U.S. Department of Transportation Proper Shipping Name: Pavement Markings

UN Number: Not regulated

ADR/RID Class: Not regulated

IMDG/GGV See Class: Not regulated

Marine Pollutant: Not a Marine Pollutant

ICAO/IATA Class: Not regulated

Section 15: REGULATORY INFORMATION

Contact Ennis-Flint for more information.

Section 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 0 Flammability: 1 Reactivity: 0 Special Hazards: None

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Revised Date: 04/04/2016

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Revision Note: Updated to GHS format, expand section 14.

Contact Ennis-Flint for more information.

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed. Any use of the product not in conformance with this SDS or in combination with any other product or process is the responsibility of the user.