

**LAFRENTZ SYSTEM 300 THERMOPLASTIC  
ROADMARKING MATERIAL  
ALL FORMULAS  
SAFETY DATA SHEET**

**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

Product Identifier: Lafrentz Formulas 300 Series

Product Use: Permanent plastic traffic lines and markings

Manufactured and Supplied By: Lafrentz Road Marking  
A Division of Canadian Road Builders Inc.  
Zone 4, 26120 Acheson Road  
Acheson, Alberta T7X 6B3

**SECTION 2 - HAZARDS IDENTIFICATION**

Emergency Overview

Appearance	Solid
Odour	Odourless

GHS classification in accordance with the Hazardous Products Regulations:  
**Not a hazardous substance or mixture**

Signal Word: NONE

Hazard Statements: NONE

Precautionary Statements: Prevention: NONE  
Response: NONE  
Storage: NONE  
Disposal: NONE

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients	CAS-No	Concentration %
NONE		

Non-Hazardous ingredients	CAS-No	Concentration %
HYDROCARBON RESIN	64742-16-1	2 - 20
POLYPROPYLENE	9010-79-1	2 – 20
CALCIUM CARBONATE	471-34-1	45 – 70
PIGMENT	13463-67-7 / 5567-15-7	2 – 20
GLASS OXIDE	65997-17-3	5 – 25

### SECTION 4 - FIRST AID MEASURES

SKIN:	RINSE WITH SOAP AND WATER. REMOVE CLOTHING AND SHOES AFTER FLUSHING HAS BEGUN.
EYE:	FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.
INHALATION:	INHALATION OF VAPOURS MAY CAUSE DISCOMFORT, MOVE INDIVIDUAL TO FRESH AIR
INGESTION:	IF SWALLOWED, KEEP AT REST, SEEK MEDICAL ATTENTION.

### SECTION 5 - FIRE AND EXPLOSION DATA

FLAMMABILITY:	not applicable due to low vapour pressure
MEANS OF EXTINCTION:	USUAL METHODS. IN CASE THE MATERIAL IS BURNING IN THE COOKER DUE TO INAPPROPRIATE OVER HEATING WE RECOMMEND INTERRUPTING AIR SUPPLY BY CLOSING THE FILLER OPENING.

FLASH POINT:	> 536 (280C) C.O.C. ASTM D92
UPPER FLAMMABILITY LIMIT:	not applicable
LOWER FLAMMABILITY LIMIT:	not applicable
AUTO IGNITION TEMPERATURE:	> 536F (280C)
HAZARDOUS COMBUSTION PRODUCTS:	not applicable
SENSITIVITY TO IMPACT:	not applicable
SENSITIVITY TO STATIC DISCHARGE:	not applicable
SENSITIVITY TO STATIC DISCHARGE:	not applicable

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

PRECAUTIONARY MEASURES:	TAKE CARE FOR ADEQUATE VENTILATION IF MATERIAL IS HEATED TO LIQUID FORM. USE PERSONAL PROTECTIVE CLOTHING. KEEP AWAY OTHER SOURCES OF IGNITION.
ENVIRONMENTAL MEASURES:	PREVENT PRODUCT FROM GETTING INTO DRAINS/SURFACE WATER/GROUNDWATER

## **SECTION 7 – HANDLING AND STORAGE**

SAFE HANDLING:	AVOID CONTACT WITH EYES. DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH MATERIALS. WASH HANDS THOROUGHLY AFTER HANDLING.
STORAGE REQUIREMENTS:	NOT APPLICABLE.

## **SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

### **PERSONAL PROTECTIVE EQUIPMENT:**

<b>GLOVES:</b>	LEATHER WORK GLOVES WHEN MATERIAL IS HEATED TO LIQUID FORM
<b>RESPIRATORY:</b>	not applicable
<b>EYES:</b>	SAFETY GLASSES ARE RECOMMENDED
<b>FOOTWEAR:</b>	SAFETY FOOTWEAR WHEN HANDLING MOLTEN MATERIAL TO PREVENT BURNS IF MATERIAL IS SPILLED
<b>CLOTHING:</b>	USE SHIRTS, LONG PANTS, GLOVES AND KEVLAR SLEEVES WHEN HANDLING MOLTEN MATERIAL TO PREVENT BURNS IF MATERIAL IS SPILLED.
<b>ENGINEERING CONTROLS:</b>	not applicable
<b>LEAK AND SPILL PROCEDURE:</b>	ALLOW TO COOL AND SOLIDIFY, THEN DISPOSE.
<b>WASTE DISPOSAL:</b>	SANITARY LANDFILL

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	SOLID
<b>APPEARANCE:</b>	WHITE OR YELLOW SOLID BLOCK
<b>ODOUR THRESHOLD:</b>	INODOROUS AT 77F (25C)
<b>VAPOUR PRESSURE:</b>	AT 77F (25C) VERY LOW (NOT MEASURABLE)
<b>VAPOUR DENSITY (air = 1):</b>	C.A. 40 ESTIMATED FROM AVERAGE MOLECULAR WT.
<b>EVAPORATION RATE:</b>	not applicable

BOILING POINT:	not applicable
FREEZING POINT:	not applicable
PH (acidity - alkalinity):	NEUTRAL
SPECIFIC GRAVITY H2O=1:	not applicable
COEFF. WATER/OIL DIST.:	not applicable

## **SECTION 10 – STABILITY AND REACTIVITY DATA**

CHEMICAL STABILITY:	EXTREMELY HIGH TEMPERATURES
INCOMPATIBLE MATERIALS:	not applicable
CONDITIONS OF REACTIVITY:	not applicable
POSSIBLE HAZARDOUS DECOMPOSITION PRODUCTS:	not applicable

## **SECTION 11 - TOXICOLOGICAL PROPERTIES**

ROUTES OF ENTRY	
SKIN CONTACT:	not applicable
SKIN ABSORPTION:	not applicable
EYE CONTACT:	not applicable
INHALATION:	not applicable
INGESTION:	not applicable
ACUTE OVER EXPOSURE EFFECTS:	not applicable
CHRONIC OVER EXPOSURE EFFECTS:	not applicable
EXPOSURE LIMITS:	not applicable
SENSITIZATION TO PRODUCT:	not applicable
CARCINOGENICITY:	not applicable
TERATOGENICITY:	not applicable

REPRODUCTIVITY TOXICITY: not applicable

MUTAGENICITY: not applicable

SYNERGISTIC PRODUCTS: not applicable

## **SECTION 12 – ECOLOGICAL INFORMATION**

TOXICITY: NO ENVIRONMENTAL HAZARDS HAVE BEEN REPORTED OR KNOWN.

PERSISTENCE AND DEGRADABILITY: THIS PRODUCT IS INERT AND HAS NO KNOWN ADVERSE EFFECT ON THE ENVIRONMENT.

OTHER ADVERSE EFFECTS: NOT APPLICABLE

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.

WASTE DISPOSAL: SANITARY LANDFILL.

## **SECTION 14 – TRANSPORT INFORMATION**

NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT

UN NUMBER: Not applicable

PACKING GROUP: Not applicable

ENVIRONMENTAL HAZARDS: Not applicable

INTERNATIONAL TRANSPORT REGULATIONS

LAND – ROAD/RAILWAY: Not regulated

SEA: Not regulated

AIR: Not regulated

## **SECTION 15 – REGULATORY INFORMATION**

This product is not classified as hazardous

## **SECTION 16 – OTHER INFORMATION**

GHS Classification: Not classified as dangerous for supply/use

PREPARED BY: LAFRENTZ ROAD MARKING, A Division of Canadian Road Builders Inc. –  
Production Department

DATE: December 1, 2018

PHONE NUMBER: (780) 962-7800

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### Notice

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