

# TRAFFIKOTE

## TFK-115 HM 77

No. TD : T-041  
Revision : 00  
Effective Date: 14/10/2022

### PRODUCT DESCRIPTION

**TRAFFIKOTE TFK-115-HM 77** is a 100% solid material blend of binder, pigments, plasticizers, glass beads and extenders for road marking and runway surfaces. Complies with AASHTO M-249 / T-250 and also this product is lead free type.

It can be applied by melting between 180°C to 220°C, in molten or liquid state on suitability prepared surfaces. After cooling to normal temperature, it provides excellent adhesion, good durability, good abrasion resistance, night visibility and skid resistance.

### FIELDS OF APPLICATION

- Parking lots
- Highway
- Airport and terminal area
- Sidewalks
- Others area where line markings are required

### PRODUCT SPECIFICATION

Color	: White, Yellow
Solid by volume	: 100 %
Specific Gravity	: $2.15 \pm 0.05$ gr/cc
Packaging	: 17 kilo paper bags
Storage Stability	: One year from the date of manufacture if it is stored in cool and dry place and in its original not opened package

### APPLICATION

Application condition	: 180 – 220 °C, maximum 80% RH
Application method	: The melted compound can be applied by screed or extrusion
Dry Film Thickness (DFT)	: recommended 2.0 – 5.0 mm
Theoretical coverage	: $4.0 - 10 \text{ kg/m}^2$ (DFT + 2.0 – 5.0 mm) (This serves as guide only)
Drying time	: 5 – 10 minute on pavement
Reflectivity & skid resistance	: In order to obtain immediate surface reflection, suitable glass beads have to be dropped on

#### Note :

The required paint dry film thickness is determined by the size of the glass beads being applied to the marking. It is important that the specified film thickness is achieved in order to maximized the bead retention and wearing properties of marking.

Glass beads must be applied immediately to wet paint to create reflective marking. Do not mix beads directly into paint.

## SURFACE PREPARATION

1. Ensure that surfaces are dry, sound, and free from dust, dirt, water, grease, oil and other contaminants before painting
2. For new surfaces ensure that bituminous screeds have cured for a minimum of 3 months and concrete substrate has cured for minimum 1 month.
3. For previously painted surfaces in sound condition. Remove loose and flaking paint back to sound substrate
4. Provide adequate ventilation during application.

## Cautions

- Not recommended for friable slurry type surfaces.
- Do not exceed the maximum safe heating temperature, this is potentially dangerous and could lead to discoloration and deterioration of binder.
- Use the prescribed beads for thermoplastic application to prevent application problems upon the speed of drop on in order to achieve optimum results.

## SAFETY PRECAUTIONS

- Always use the correct protective equipment during heating and application.
- Keep out of reach of children.
- Ensure good ventilation during heating and application.
- Avoid skin and body contact at all cost when heated – seek immediately medical attention
- Take care to avoid contact with eyes
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.

## FIRST AID:

General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes	: In the case of accidental splashes, flush eyes with clear running water for 5 minutes while holding eyelids open. If irritation persists, seek medical attention.
Skin	: Wash off thoroughly with plenty of water and soap. Do not use solvent or thinner. Remove contaminated clothing. If irritation persists, seek medical attention.
Inhalation	: Remove affected person to fresh air area, loosen collar, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention.

## DISCLAIMER

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.