



# RADIATOR PAINT BLACK

Product code: PS1402

## Composition and Application Field

**EVI Radiator Paint Black** is a modified synthetic resin based coating specially designed for radiators. The product exhibits excellent adhesion to metal substrates commonly used in the manufacturing of radiators. It has a very quick drying profile making it very suitable where fast work turnover is of prime importance. The product when cured is resistant to continuous exposure to temperatures up to 120°C.

Substrates: Metals and steel commonly used for radiator manufacture.

## Specification

Finish	: Eggshell/Matt
Color	: Black
Specific gravity	: 1.50 ± 0.05
Solids (% by volume)	: 45 ± 2 %
Diluent	: PT1081XS
Flash point	: 27°C
Spread Rate	: 9-18 m <sup>2</sup> /liter at 25-50 microns
Drying Time (30°C)	
Dust Free	: 5 mins.
Dry to Handle	: 10 mins.
Dry to Recoat	: 25 mins.
Recommended DFT	: 35microns
Heat Resistance	: 120°C Dry

## Surface Preparation

Always ensure that the surface to be painted must be free of dirt oil grease and any other surface contaminants that might affect the adhesion of the paint to the substrate. New steel should be cleaned as per requirement of SSPC-SP1.

## Application Method

Adequate ventilation should always be observed when applying EVI Radiator Paint Black. This will ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below 5°C or when the humidity level is above 90%. The surface temperature should always be kept at not less than 3 degree above dew point. In confined spaces constant purging of air during application and drying is necessary to eliminate solvent vapors for reason of health and safety and to assist solvent evaporation.

## Application Method

The recommended method of application is by airless or air assisted airless spray. However the product can also be applied using conventional spray or brush. The addition of PT1081XS Thinner depends on the application methods used which is in the range of 10 to 20 percent.

## Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

## Handling

Disposal: As per the guidance and legislations of the local authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses. Flash Point: 27°C and contains mineral spirit.

**Caution:** It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

## Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

## First Aid

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. Do not use solvent or thinners.

Inhalation: Move to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.