

HP Aliphatic Aliphatic Polyurea Spray Coating

TDS

Features

Aliphatic Chemistry

HP Aliphatic is a 100% solids, flexible, two-component modified aliphatic polyurea spray applied coating. HP Aliphatic is autocatalytic, containing no solvents or hardeners.

UV Stable

These products have extremely high Color Stability and Gloss Retention even with light or pastel colors.

Excellent Adhesion

HP Aliphatic adheres very well to steel (with or steel primer) and concrete (with our concrete primer).

Zero VOCs

HP Aliphatic is a 100% solids coating that is formulated with zero VOCs.

Application

HP Aliphatic should be applied through a two-component, high pressure proportioning unit. Material and hose heaters should be between 150-170°F. Pressure should be a minimum of 2200 psi. If A side and B side pressures are not equal, stop spraying and examine equipment.

Be sure to consult with a S.I.M. representative for equipment and application training.

Description

HP Aliphatic is a 1:1, fast-set, spray applied two-component aliphatic polyurea. It is 100% solids and contains zero VOCs.

HP Aliphatic is perfectly color stable as a result of its underlying aliphatic chemistry. The film is tough and resilient, and as the coating represent the highest quality exterior grade of UV-stable polyurea coatings in the Specialized Industrial Materials product line.

Technical Data

Property	3795
Hardness, Shore A	90
Tensile Strength, psi	2500
Tear Strength, pli	500
Elongation, %	500
Gel Time, sec	30
Tack Free Time, sec	45
Recoat Window, min	120

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read the SDS in its entirety prior to using our HP Aliphatic.

Packaging, Storage, & Shelf Life

HP Aliphatic is available in 55 gallon drums and 275 gallon totes. Product should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

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