



ADVASTAB™ TM-900F Thermal Stabilizer for Cellular Core Vinyl Pipe Extrusions

Description

ADVASTAB TM-900F thermal stabilizer is a high performance liquid methyltin Vinyl stabilizer designed for demanding foam extrusion applications, particularly rigid Vinyl pipe.

Typical Physical Properties

These properties are typical but should not be considered specifications.

Form	Liquid
Specific Gravity @ 25°C	1.1
Weight, lbs./Gal. @ 25°C	9.2
Viscosity, cs, @ 25°C	169.6
Cloud Point, °C	-23.3
Pour Point, °C	-31.7
% Tin	15.8
% Mercaptan Sulfur	13.5
Acid Value	7.2
Color (Gardner)	7 Maximum
Appearance	Clear* liquid free of contamination

*A slight haze which can settle as a flocculant precipitate may develop with time.

Standard Packaging

Drums of 450 pounds (204 kg) net each. Tote tanks of 2,450 pounds (1,111 kg) net each

Applications and Features

ADVASTAB TM-900F stabilizer has demonstrated increased gas yield when using "azo" blowing agents in lower foam densities in extruded products. The following formulation is typical for cellular core Vinyl pipe when using ADVASTAB TM-900F stabilizer.

Rigid Vinyl Foam

Vinyl Homopolymer (K=65)	100.0
PARALOID K-175	0.5
PARALOID K-400	3.0
Calcium Carbonate	5.0
TiO ₂	1.0
Calcium Stearate	0.6 - 0.8
Paraffin 165	1.2 - 1.4
ADVASTAB TM-900F	0.6 - 0.8
Azo Blowing Agent	0.3 - 0.4

Storage

Indoor storage is recommended. Iron and steel (non-stainless) should be avoided for piping, valves and pumps used to handle ADVASTAB TM-900F stabilizer. Teflon® gaskets are recommended.

Handling

ADVASTAB TM-900F is a liquid tin mercaptide thermal stabilizer and should be handled with normal precautions used in good industrial practices for organic liquids.

- Use adequate ventilation
- Wear rubber gloves
- Wear eye protection

In case of contact with the skin, wash thoroughly with soap and water.

In case of contact with eyes, flush with water and get medical attention.

Material Safety Data Sheets

Material Safety Data Sheets are available outlining hazards and safe handling methods. Contact Dow for copies of the MSDS for this product and for other handling information.

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