

NUMBER 4914

V-Cap™/RC (N-vinyl caprolactam)

Reactive Monomer

Description

V-Cap/RC is a versatile reactive diluent for free radical radiation curable coatings, inks, and adhesives for use on a wide variety of substrates. V-Cap is a super cooled liquid and can remain as a liquid at room temperature for extended periods of time.

Key Attributes

- Low viscosity
- Increased cure speed
- Improved adhesion
- Enhanced hardness
- Imparts hydrophobicity and surface activity due to the 7-member ring
-

Applications and Usage Notes

- **Adhesives**
- **Inks** – Screen and inkjet
- **Specialty coatings** – Vinyl flooring, wood coating, release coating
- **Specialty applications** – Monomer used for production of homo-,co-,and terpolymers

Typical Product Properties

Property	V-Cap/RC
Molecular Weight	139
Assay (%)	98.0
Physical Form	Solid
Appearance	Light yellow crystalline ¹
Density	1.029
Freezing Point	35° C
Boiling Point	116° C @ 10mmHg
Viscosity (cps)	3.51 @ 40° C
Vapor Pressure @ 20° C	<0.1m
Vapor Pressure @ 70° C	1.2m

¹ Can exist as a super cooled liquid below its freezing/melting point

Packaging Information

Product	Physical Form	Pkg Type	Net Wgt (lbs)	Net Wgt (kgs)
V-Cap™/RC	Liquid	Steel Drum	100 lbs	45.4 kgs
V-Cap/RC	Liquid	Steel Drum	440 lbs	199.6 kgs

Product Safety Information

For health and safety data and handling, storage and disposal procedures, please refer to the Safety Data Sheet (SDS) and product label.

CAS Registry No. 2235-00-9

To learn more, visit ashland.com

EMAIL: specialtiessolutions@ashland.com

CHINA Tel: +86 212402 4888 DUBAI Tel: +9714 3818512 INDIA Tel: +91 22 61484646
 MEXICO Tel: +52 55 52 76 6121 SINGAPORE Tel: +65 6775 5366
 SWITZERLAND Tel: +4152 560 55 00

ASHLAND.