

TECHNICAL DATA SHEET

Alkamide™ 415

Reactive Polyamide Resin

Alkamide™ 415 is high viscosity solvent free reactive polyamide designed to use as curing agent in room temperature cured liquid and solid epoxy resin formulations.

Properties

- Extremely long working pot life
- Excellent flexibility and adhesion
- Superior corrosion resistance properties
- Rate of curing can be accelerated by using small quantity of tertiary amine catalyst

Applications

Alkamide™ 415 is suitable for formulation of cold curing, solvent containing thermoset coatings. This resin also used in epoxy adhesive formulations. It provides excellent adhesion, flexibility and corrosion properties hence it is preferred choice for primer for metal and concrete.

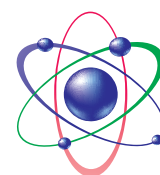
Alkamide™ 415 and epoxy resin systems are recommended for application such as anti-corrosive protection for metals, ship building, and construction industry.

Specific Key Data

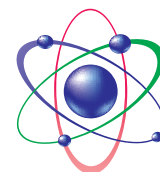
Appearance	Visual	Clear Amber, highly viscous resin
Color	Gardner	12 max.
Viscosity	@ 75°C	3500 – 4500 cP
Amine value	mg KOH/g	230 - 246

Typical Properties

Density @ 25°C	g/cm ³	0.97 – 0.98
Amine Hydrogen Equivalent Weight	(Theoretical)	198
Non-volatile Content	Weight %	100
Flash Point	(Closed Cup)	>200°F



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PACKING

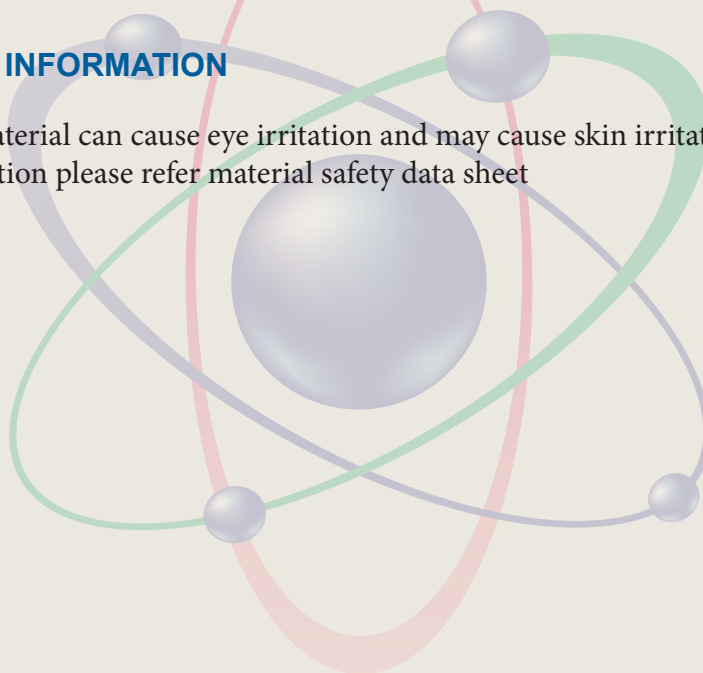
- Alkamide™ 415 is packed and delivered in 190 kg steel drums
- Other packs are available on request.

STORAGE

Alkamide™ 415 should be stored in tightly closed original containers in a cool and dry location. The product should not be stored exposed to direct sunlight. It should be kept away from source of ignition. Under these conditions, it has storage life of at least 12 months from the date of manufacturing.

HEALTH AND SAFETY INFORMATION

Direct contact with this material can cause eye irritation and may cause skin irritation. For material handling, healthy and safety information please refer material safety data sheet



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DISCLAIMER

All statements, technical information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

The information provided herein was believed by Alkane Chemical Corporation (“Alkane”) to be accurate at the time of preparation, but its responsibility of users to investigate and understand other pertinent source of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use.

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