SIRION® EHW 2834	PRODUCT DATA SHEET (provisional)

Description
Liquid hardener for both liquid and waterborne epoxy resins, based on amine adduct in water solution.

Applications
In combination with waterborne epoxy resins (for example: Eposir WD 711/A), Sirion EHW 2834 can be used to formulate varnishes, primers, enamels and top coat with higher chemical resistance. The main fields of application are metal coating (anticorrosion) and civil engineering.

Sales specification

Property	Value	Unit	Method
Appearance	Amber Transparent Liquid		SIR 10010
Gardner Color	12 max	Sc. Gardner	ASTM D 1544
Brookfield viscosity @ 25°C	10000 – 30000	mPa.s	ASTM D 2393

Typical Properties

Property	Typical value	U.M
Solids content	50	%
Amine Number	310	mg.KOH/gr
AHEW	180	g/eq
Suggested mix ratio with epoxy resin (EEW 190)	90 - 100	phr
Suggested mix ratio with epoxy resin WD 711/A	17	phr
Pot life on 200 g mix @25°C with epoxy resin (EEW 190) phr	60	min

Delivery packaging
Sirion EHW 2834 is supplied in 200 kg drums, 1000 kg IBC or bulk.

Storage Life
The material is stable for 12 month, when stored into the original sealed package, away from sunlight exposition and excessive heat
The suggested range of temperature for the storage is 5 - 35° . Below 5°C the material could be hazy and could be observed an increasing of viscosity; these aspects would be back on increasing of temperature. The material could be yellowish if exposed for prolonged periods over 35°C

Safety Information
Sirion EHW 2834 is not inflammable and no toxic effect has been reported. For further handling information please refers to the MSDS.

SIRION® EHW 2852	PRODUCT DATA SHEET (provisional)

Description

Water soluble polyamidic hardener for waterborne epoxy resins.

Applications

In combination with waterborne epoxy resins (for example: Eposir WD 711/A), Sirion EHW 2852 can be used to formulate varnishes, primers, enamels and top coat with higher chemical resistance. The main fields of application are metal coating (anticorrosion) and civil engineering.

Sales specification

Property	Value	Unit	Method
Appearance	Amber Transparent Liquid		SIR 10010
Gardner Color	12 max	Sc. Gardner	ASTM D 1544
Brookfield viscosity @ 25°C	8000 – 12000	mPa.s	ASTM D 2393

Typical Properties

Property	Typical value	U.M
Solids content	74 - 76	%
Amine Number	200 - 240	mg.KOH/gr
AHEW	135	g/eq
Suggested mix ratio with epoxy resin WD 711/A	13	phr
Suggested mix ratio with epoxy resin (EEW 190)	71	phr

Delivery packaging

Sirion EHW 2852 is supplied in 200 kg drums, 1000 kg IBC or bulk.

Storage Life

The material is stable for 12 month, when stored into the original sealed package, away from sunlight exposition and excessive heat.
Protect from frost.

Safety Information

Sirion EHW 2852 is not inflammable and no toxic effect has been reported: For further handling information, please refer to the MSDS.