



ASACHEM (M) SDN. BHD. (Co. No.: 1992-0101-5904)

3, First Floor, Jalan Seksyen 3/8, Kajang Utama, 43000 Kajang, Selangor, Malaysia.

Tel : 603 - 8734 5998

Website: www.asachem.com

Email : info@asachem.com

ASASIN 132 A ASAHARD 132 B

DESCRIPTION : ASASIN 132 A and ASAHARD 132 B is a moderately reactive room temperature with two-component liquid epoxy system that is specially designed for Medium-setting, liquid-like after mixing as reactive resin with poly amine.

substrate : This product is designed for use as resin with metals, wood, ceramic, vulcanized rubber, rigid plastics and other materials.

specialty : It provide shorter pot life and higher viscosity from ASASIN 132N A/B. This product is designed for use with liquid epoxy resins to give tough, chemical resistant thermoset coatings with room temperature cure.

Remark :

Joint should be self-supporting after about 15 hours at room temperature and show good strength when fully cured on treated substrate.

Sand-filled floor topping compositions based on the resin/curing agent mixtures containing 600 to 800 parts of sand per 100 parts of resin.

For deep cavity mould, do not pour in at one go as this may cause uncontrolled reaction of the mixture. Heat generated may distort the mould.

For deep cavity mould, it is advisable to pour in layer after layer just after the peak exothermic temperature of the reaction.

Pretreatment Of Surfaces : The surfaces to be bonded or apply should be cleaned and degreased. Maximum bond strength is achieved by mechanically roughening and then degreasing the surfaces.

Application

- * Industrial floor toppings and grouting
- * Composites (Fiber reinforced products)
- * General purpose casting and encapsulat
- * Glaze and sealer high-build coatings
- * Decoupage
- * Adhesive compounds

BENEFITS

- * low viscosity and low vapor pressure
- * improved flexibility and good impact resistance
- * light color and improved color retention compared to conventional amine-cured epoxy
- * long pot life
- * low odor



ASACHEM (M) SDN. BHD. (Co. No.: 1992-0101-5904)

3, First Floor, Jalan Seksyen 3/8, Kajang Utama, 43000 Kajang, Selangor, Malaysia.

Tel : 603 - 8734 5998

Website: www.asachem.com

Email : info@asachem.com

As-supplied Properties :

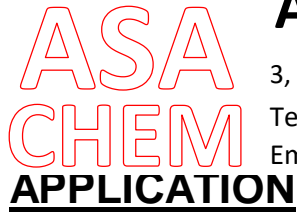
		<u>ASASIN 132</u>	
		A	B
Appearance	:	Transparent	Slightly Yellow
Viscosity At 25 deg C	:	1.2 - 1.5 Pa.s	0.9 - 1.1 Pa.s
Density at 25 deg C	:	0.95 - 1.0 kg/l	0.95 - 1.0 Kg/L
Recommended Usage	:	100 part	32 part
Mixing Ratio (by weight)	:		

MIXED PROPERTIES

Appearance	:	Transparent
Density at 25 deg C	:	0.98 pound / gallon
Viscosity At 25 deg C	:	585 cp
Pot Life @ 25°C (100gm mass)	:	2.6 hours
Curing Time @ 25°C	:	10.2 hours
Full Curing Time @ 25°C	:	7 days

TYPICAL PROPERTIES

Hardness @ 25°C	:	85 - 87 shoreness D
Flash point	:	160 celcius
Maximum Tg	:	95 celcius
Water absorption (24h RT)	:	N/A
Water absorption (2 Hours 100°C)	:	N/A
Heat deflection temperature,	:	78 celcius
Tensile strength,	:	8,470 Psi
Tensile modulus,	:	414 Ksi
Tensile elongation,	:	11.1 %
Flexural strength,	:	15,300 Psi
Flexural Modulus	:	454
Compressive Strength	:	N/A



ASACHEM (M) SDN. BHD. (Co. No.: 1992-0101-5904)

3, First Floor, Jalan Seksyen 3/8, Kajang Utama, 43000 Kajang, Selangor, Malaysia.

Tel : 603 - 8734 5998

Website: www.asachem.com

Email : info@asachem.com

APPLICATION

Mixing

1.) Before Mixing, make sure **ASASIN 132 A and ASAHARD 132 B** in the correct ratio **BY WEIGHT** and mix thoroughly until a uniform mixture is obtained. **THIS IS IMPORTANT !**

2.) Heat buildup during or after mixing is normal.

To reduce the likelihood of exothermic reaction or excessive heat buildup, mix less than 4,500 grams at a time. Mixing smaller amounts will minimize heat buildup.

Applying

1.) Surfaces should be clean and free from oil, grease and contaminants before painting/potting/casting.

2.) For previously painted surfaces, remove all unstable paint film, loose chalk, dust and foreign matter.

3.) Repair any surface defects with ASA product and clean off.

4.) Once the Epoxy is applied, the bonded parts should be held in contact until the part has developed handling strength. Fixturing can be removed at this point. Since the full bond strength has not yet been attained, load application should be small at this time.

Cleanup

1.) It is important to remove excess epoxy from the work area and application equipment before it hardens.

2.) Denatured alcohol and many common solvents are suitable for removing uncured adhesives.

Storage

At least 12 months from the date of manufacture .

The resin and hardener should be stored in original, unopened containers around 25°C.

KEEP THE PACKING TIGHTLY SEALED WHEN NOT IN USE.

Store in a cool, dry place, away from the direct sunlight.

Care should be taken to avoid storage environments resulting in moisture contamination.

Exposure to moisture causes an increase in viscosity and reactivity.

Disclaimer

The information given in this data sheet is based on the present state of our knowledge and any conclusion and recommendation are without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.