



Aidchim Ltd.



P.O.Box 103, Raanana 43100, ISRAEL

Phone: +972- 9-744-8888

Fax: +972-9-741-4133

mailto:aidchim@zahav.net.il

Version: 4/2002

page: 1, out of: 2

Silicaid® ASP-2

Characteristics:

SILICAID® ASP-2 is a special Silicone compound especially developed to prevent sticking of road asphalt mixtures to metal or rubber surfaces.

SILICAID® ASP-2 will not cause dissolution or any other interference with the tightening & sticking of the asphalt layers.

SILICAID® ASP-2 adhere to the metal or rubber surfaces and create a Silicone film with a typical unique crystallographic microstructure. The film prohibits the sticking of asphalt aggregates to surfaces even in high bitumen concentration and small size aggregates.

SILICAID® ASP-2 is stable in relatively high temperatures (230° C) which enable it use on very hot surfaces.

SILICAID® ASP-2 contains corrosion inhibitors that provide to surfaces anti-corrosion protection. The silicone ingredients in the compound acting also as lubricants and helping in lubricating the moving parts, for the rubber & plastic parts.

SILICAID® ASP-2 is environmentally friendly and is not cause any harm to the environment or to the user.

Applications:

SILICAID® ASP-2 is used to protect surfaces that have a contact with asphalt in all stages of road paving:

- Bulk containers & Railway cars
- Asphalt carrying trucks
- Steel rollers.
- Rubber rollers.
- Finishing machinery
- Skid-mounted Hot asphalt recycling units

Product Properties:

Appearance : Milky fluid (odorless)

Specific gravity : 0.98± 0.02

Ionic nature : Non-ionic

Foaming properties : Medium-low

Compatibility : Good compatibility with most products used is asphalt mixture.

Stability : Stable at high temperatures (230° C).

Stable to hard water.

0.5% emulsion is stable for several days.



Aidchim Ltd.



P.O.Box 103, Raanana 43100, ISRAEL

Phone: +972- 9-744-8888

Fax: +972-9-741-4133

mailto:aidchim@zahav.net.il

Version: 4/2002

page: 2, out of: 2

Shelf Life:

SILICAID® ASP-2 has a shelf life of minimum 6 months if stored in tightly closed original container.

SILICAID® ASP-2 working solution is stable for several days and in any case it is recommended to gently mix before use is

How To Use:

1. A working solution of SILICAID® ASP-2 at the required/recommended concentration should be prepared. For dilution one may use tap water. The concentration of the working solution is defined upon the type and the composition of the Bitumen used, application method & working temperature. The ready for use solution is stable for several days.
2. In order to achieve the best contacts between the solution and the surface to be protected, the surface should be properly cleaned .
3. The working solution should be applied in a thin layer on the surface by brushing or spraying. The layer should be as thin, homogenous & continuous as possible.

	Working solution concentration	Application method	Comments
Bulk containers & Railway cars	2-7 %	Spray while using wide nozzle in a pressure 4-10ATM (60-150 psi)	Spray a new layer before any refill.
Asphalt carrying trucks	1-3 %	Spray or Brush	Make sure that box is free from sand/aggregates or asphalt before refill
Steel rollers	0.2-0.5 %	Add concentrate to the water washing tanks installed on the roller.	Add concentrate to the tank and only than add the water.
Rubber rollers	0.3-0.6 %	Add concentrate to the water washing tanks installed on the roller.	Add concentrate to the tank and only than add the water.
Finishing machinery	2-5 %	Spray or Brush	
Skid-mounted Hot asphalt recycling units	2-7 %	Spray or Brush	Make sure that the machine is free from sand, aggregates, oil, grease, Bitumen or asphalt before refill

Safety Instructions:

Please consult SILICAID® ASP-2 MSDS

Packaging:

Standard: Minibulk 1000l, Drum 210l, .

Other sort of packaging can be used in order to meet specific customer requirements.