



HYBRID CHEMICAL
TECHNOLOGIES

Resin-Coated Sand Consolidation Activator

Activ8

Activ8 is an activator product to increase consolidation strength in resin-coated sand products. The additive has increased consolidation strength by more than 100% for weak or moderate consolidated resin-coated sands.

APPLICATION

Activ8 has been used in conjunction with various resin-coated sand (RCS) products at a loading of 10 L/m³.

PROPERTIES

Appearance	Liquid, Colorless
Odour	Characteristic, Alcohol
pH	8.5-9.5
Freeze	-67°C
Flash	<25°C
Density	0.949 g/mL

HANDLING & STORAGE

Handle wearing appropriate PPE. Ventilation should be explosion proof. Sealed containers should not be exposed to temperatures above 40 °C and be stored out of direct sunlight. Refer to SDS for more information.

PERFORMANCE

RCS Consolidation				
RCS Product	Mesh Size	Temperature (°C)	Consolidation Without Activ8 (PSI)	Consolidation With Activ8 (PSI)
Garnet	(16/30)	50	<6.4	12.7-19.7
Garnet	(20/40)	50	6.4-12.7	19.1-25.5
Hexion True North	(20/40)	60	12.1-25.5	38.2-44.6
Hexion Siber Prop	(20/40)	60	19.1-25.5	>51.0
Atlas CRC-LT	(20/40)	60	0	51.0

RCS Product without Activ8



RCS Product with Activ8

