

SPILL-X-S® SOLVENT ADSORBENT SPILL TREATMENT AGENT

Data/Specifications



FEATURES

- Single-step application
- Reduces vapors released during clean-up
- Elevates flash point of flammable organic spills
- Free-flowing agent can be applied directly from pail, shaker, drum, or with SPILL-GUN® applicator
- Minimizes waste for disposal
- Waste residue can be incinerated with an average of 3% (by weight) ash produced from the SPILL-X-S agent
- Easy open pail cover makes tools unnecessary and reduces spill response time
- Complete instructions with pictograms guide the user from start to finish during spill clean-up
- Instructions include application list of field tested chemicals
- Application information for the most common organic groups included in the instructions

APPLICATION

SPILL-X-S® solvent adsorbent has been developed to **treat** spills of many common hydrocarbon solvents, reagents, and fuels, other than organic peroxides or hydrazine compounds. It has been specifically designed to have exceptional adsorptive properties. When applied correctly in sufficient quantities and in accordance with the ANSUL® Spill Control Treatment Guide (Part No. 78908), SPILL-X-S agent can also reduce spill evaporative loss and elevate a solvent's flashpoint to above 140 °F (60 °C). Because of its adsorptive properties, SPILL-X-S agent is the smart way to respond to solvent spills in chemical plants, small manufacturing facilities, laboratories, and on vehicles transporting organic solvents or fuels.

DESCRIPTION

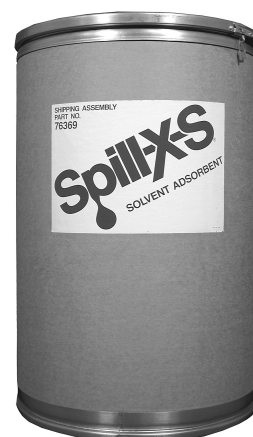
SPILL-X-S agent is different; its special properties allow it to adsorb rather than absorb spills of many common solvents. A proprietary carbonaceous based material, SPILL-X-S agent is produced by a unique process and conforms to rigorous manufacturing specifications. The resultant product is a free-flowing material which when properly applied to a solvent spill will rapidly adsorb the spill, contain it, and reduce vapor release in the work environment. SPILL-X-S agent is black in color to differentiate it from other spill control agents.

Properly adsorbed solvents are characterized as a dry powder residue which is easily swept up – allowing fast restoration of the work place. The amount of spill waste generated is minimized as compared with traditional 'soak-up' absorbent type spill control methods. Disposal or incineration of spill residue should follow state, local and federal regulations.

Sealed in moisture-resistant plastic pails, SPILL-X-S agent has an indefinite shelf life. For maximum readiness, SC-30-S SPILL-GUN applicators, charged with SPILL-X-S agent, are designed to be weather and corrosion resistant and remain operable over a temperature range from -65 °F (-54 °C) to 120 °F (49 °C).



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PERFORMANCE

A typical 3 gallon (11.4 L) solvent spill can spread out to cover over 80 ft² (7.43 m²) of area. On average, one pail of SPILL-X-S agent can adsorb this size spill, minimizing the quantity of spill waste left for disposal. In contrast, traditional spill response techniques use large quantities of common sorbents like sand or pillows, which can greatly compound the amount of hazardous residue left to be disposed.

SPILL-X-S agent will adsorb a large range of hydrocarbon solvents, reagents and fuels. Typical adsorption is as follows:

Solvent	Adsorption per pail of SPILL-X-S agent		Adsorption per SC-30-S SPILL-GUN Applicator	
	gallons	(L)	gallons	(L)
Methyl Ethyl Ketone	3.20	(12.12)	2.20	(8.33)
Acrylonitrile	2.40	(9.09)	1.65	(6.25)
Petroleum Ether	3.20	(12.12)	2.20	(8.33)
Toluene	1.92	(7.27)	1.32	(5.00)
Xylene	1.92	(7.27)	1.32	(5.00)
Jet A-1	1.76	(6.66)	1.65	(6.25)
Gasoline	2.72	(10.30)	1.88	(7.12)

(Treatment ratios for over one-hundred other organics are available. See SPILL-X Treatment Guide, Part No. 78908, or ask your authorized distributor for details.)

PRODUCT PROPERTIES

Density 0.48 g/cc
 Maximum Moisture 3%
 Surface Area 1300-1500 m²/G

Fill Weights

Agent Containers:

plastic pail 16 lb (7.25 kg)
 fiber drum 68 lb (31.00 kg)

SPILL-GUN Applicators:

SC-30-S 11 lb (4.98 kg)

ORDERING INFORMATION

For small solvent spills, such as those in labs and stockrooms, choose the SPILL-X-S Spill Treatment Kit.

Part No.	Description
76258	16 lb (7.3 kg) Pail SPILL-X-S Agent
76369	68 lb (30.8 kg) Drum SPILL-X-S Agent
78778	SPILL-X-S Treatment Kit (Six 1 lb (0.45 kg) Containers)
77265	SPILL-X-S Refill
76090	SC-30-S SPILL-GUN Applicator



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For additional information concerning Treatment Kits, see Data Sheet F-2009070. For information concerning SPILL-GUN applicators, see Data Sheet F-2009069.

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