



User Manual 用户手册

化学品泄漏应急处理产品
Spill Control for Oil and Chemicals

非常感谢阁下购买 SYSBEL 化学品泄漏应急处理产品。作为一家关注员工安全和环境保护的公司，SYSBEL 将以优良的品质保证您工作环境和人员的安全。



符合美国环境保护署 (EPA) EPA 40 CFR 264.175 与 SPC 规范、及美国国家消除污染排放制度 (NPDES)

吸附棉系列



类型	产品名称	产品型号	包装规格	产品规格 (cm)	纸箱规格 H*W*D/cm	产品毛重 (kgs.)	最大吸附量 (Gal/L)
棉片	油类专用吸附棉片	OP0002W	100片/箱	50x40 (长x宽)、厚度2mm、易撕型	23x52x42	5	10.5/40
	防化类吸附棉片	CP0002Y					
	通用型吸附棉片	UP0002G					
	油类专用吸附棉片	OP0004W					
棉条	防化类吸附棉条	CP0004Y	100片/箱	50x40 (长x宽)、厚度4mm、易撕型	42x52x42	9	21/80
	通用型吸附棉条	UP0004G					
	油类专用吸附棉条	OS0002W					
	防化类吸附棉条	CS0002Y					
棉卷	通用型吸附棉卷	US0002G	12根/箱	7.6x120 (直径x长)	30x52x42	5.8	10/38
	油类专用吸附棉卷	SOP002					
	防化类吸附棉卷	SOP002					
棉卷	通用型吸附棉卷	SUP002	10个/箱	45x45x5 (长x宽x高)	50x45x45	6.2	50
	油类专用吸附棉卷	SOR002					
	防化类吸附棉卷	SCR002					
	通用型吸附棉卷	SUR002					
防渗透吸垫	油类专用防渗透吸垫	OM0001W	1个/箱	5000x40 (长x宽; 易撕齿孔间距: 50cm, 厚度: 2mm)	42x38x38	5	10.5/40
	防化类防渗透吸垫	CM0001Y					
	通用型防渗透吸垫	UM0001G					
	油类专用防渗透吸垫	OP0004W					
吸油/液槽	油类专用吸油槽	OB0001W	1个/箱	5000x40 (长x宽; 易撕齿孔间距: 50cm, 厚度: 4mm)	42x55x55	9	21/80
	防化类吸液槽	CB0001Y					
	通用型吸液槽	UB0001G					
	油类专用油桶垫	DOP001					
油桶垫	防化类油桶垫	DCP001	25片/箱	55 (直径)	14x56x56	2.2	4.8/18
	通用型油桶垫	DUP001					
围油栏	PVC固体浮子式围油栏	FTB001	1节/包	20m/节	-	45	-
		FTB002				60	
		FTB003				70	
		FTB004				100	
		FTB005				150	

应急处理套装系列



类型	产品名称	产品型号	产品规格 (cm)	纸箱规格 L*W*H/cm	产品毛重 (kgs.)	吸附量 (L)
应急套装	便携式溢漏应急袋 (油类专用)	SKIT001W	① 25片吸附棉片 (40x50 cm) ② 3根吸附棉条 (直径76 mm x 1.2 m) ③ 1个中号防化处理袋及扎绳 ④ 1副防护眼镜 ⑤ 1副手套 ⑥ 产品手册	—	2.8	20
	便携式溢漏应急袋 (防化类)	SKIT001Y	—	—	—	—
	便携式溢漏应急袋 (通用型)	SKIT001G	—	—	—	—
	移动式防溢应急工具箱 (油类专用)	SKIT002W	① 240升垃圾桶 ② 100片吸附棉片 (40 x 50 cm) ③ 12根吸附棉条 (直径76 mm x 1.2 m) ④ 5个吸附棉枕 (45 x 45 x 5cm) ⑤ 5个大号防化处理袋及扎绳 ⑥ 1副防护眼镜 ⑦ 1副手套 ⑧ 产品手册	—	24	105
	移动式防溢应急工具箱 (防化类)	SKIT002Y	—	—	—	—
	移动式防溢应急工具箱 (通用型)	SKIT002G	—	—	—	—
	95加仑泄漏应急处理桶套装 (油类用)	SYK952	① 1个95加仑泄漏应急处理桶 ② 100片吸附棉片 (40 x 50 cm) ③ 24根吸附棉条 (直径76 mm x 1.2 m) ④ 10个吸附棉枕 (45 x 45 x 5cm) ⑤ 10个大号防化处理袋及扎绳 ⑥ 1副防护眼镜 ⑦ 1副手套 ⑧ 产品手册	—	41	170
	95加仑泄漏应急处理桶套装 (防化类)	SYK951	—	—	—	—
	95加仑泄漏应急处理桶套装 (通用型)	SYK950	—	—	—	—
应急套装	20加仑泄漏应急处理桶套装 (油类用)	SYK200	① 1个20加仑泄漏应急处理桶 ② 20片吸附棉片 (40 x 50 cm) ③ 4根吸附棉条 (直径76 mm x 1.2 m) ④ 5个吸附棉枕 (45 x 45 x 5cm) ⑤ 3个中号防化处理袋及扎绳 ⑥ 1副防护眼镜 ⑦ 1副手套 ⑧ 产品手册	—	11.3	50
	20加仑泄漏应急处理桶套装 (防化类)	SYK201	—	—	—	—
	20加仑泄漏应急处理桶套装 (通用型)	SYK202	—	—	—	—
	泄漏应急补充套装 (油类专用)	SKS001W	① 透明封口袋 ② 100片吸附棉片 (40x50 cm) 120L垃圾桶 ③ 5根吸附棉条 (直径76 mm x 1.2 m) ④ 5个吸附棉枕 (45 x 45 x 5cm) ⑤ 1个中号防化处理袋及扎绳 ⑥ 1副防护眼镜 ⑦ 4副手套 ⑧ 产品手册	67x50x30	5.5	25
泄漏应急补充套装 (防化类)	SKS001Y	—	—	—	—	—
泄漏应急补充套装 (通用型)	SKS001G	—	—	—	—	—

① 使用说明

1、SYSBEL 化学品泄漏应急处理产品为您轻松对付各种突发的油品化学品泄漏而设计。该系列泄漏应急处理桶包含相应的泄漏应急处理材料，分为油类专用，防化类（化学品，腐蚀性液体和危险化学品专用）及通用型（油、水和化学物质通用），包含吸附棉条，棉片，棉枕和防化处理袋。SYSBEL 泄漏应急处理套装，搭配合理科学，应急反应效率高，为您节约时间和成本，避免二次污染的产生。

2、SYSBEL 吸附棉产品使用说明：吸附棉划分为棉片、棉条、棉枕及棉卷四种类型。以下是关于吸附材料使用的一般原则：
● 吸附棉片适用于小面积范围的泄漏处理，使用时可直接把吸附棉片放在液体表面。
● 吸附棉条适用于泄漏控制，常用于泄漏频发区的溢流围堵，及泄漏液体的围圈控制。

- 吸附棉枕是清理废料槽、冷却剂箱、储液器以及集水井的理想产品。
- 吸附棉类型：按吸附特性划分如下：白色——油类专用、灰色——通用型、黄色——防化类。
- 选择白色 专用于吸收油污，不吸水
- 选择灰色 油、水剂均能吸收
- 选择黄色 特别用于应对吸收酸性与腐蚀性液体，或其它危险不明的液体（油、水剂均能吸收）

注意事项：为确保安全使用，建议在确定吸附材料的使用类别之前先进行小型抽样测试。

储存：需放置在干燥处或紧急器材柜中，避免阳光直射，并注意避免水汽及灰尘污染。

3、SYSBEL 泄漏应急装备使用说明：

- 便携式泄漏应急袋——可随处携带，易于运输，适用于小规模泄漏事故；
- 移动式防溢应急工具箱——多种吸附棉组合帮助您快速响应突发事件，轮式组件工具箱，让您轻松将 SYSBEL 专业级吸附材料送往工厂各个角落，应急响应厂区中的溢流事故或污物处理，灵活应用于中等规模泄漏事故；
- 20/95 加仑泄漏应急处理桶套装——多种吸附材料组合帮助您快速响应突发事件，更有泄漏应急处理桶帮助封装隔离有害废弃物及污染物，防止二次泄漏危害，适用于大规模泄漏事故；
- 20/95 加仑泄漏应急处理桶——适用于临时储存及运输和转运有害废弃物（如易燃类、腐蚀类、毒性物质）的专用容器，广泛应用于二次包装、运输转运、泄漏事故处理领域。

② 应用指南

应对突发的油品化学品泄漏的操作步骤

1、泄漏来源确定及危险性判断

寻找泄漏来源，并判断泄漏现场物质的类别，处理操作前先检查您所处理的有害物料或泄漏处理物的化学品标签及相应的 MSDS。确保您在操作前确知处理物品潜在的危险性包可燃性、爆炸性、反应性和毒性。选择相应类型的泄漏应急处理套装

2、防护措施

在泄漏处理现场，应佩带必要的个人防护装备（包括防护服、呼吸器、手套、眼镜等），若无法判断源头泄漏物质，需考虑最严重后果出现的可能性。以便安全地对泄漏中的有害物料进行及时有效的专业处理。

3、阻止并控制泄漏

控制泄漏发展，关闭或限阀，或采取适宜的堵漏措施。

4、清理

在可控状态下，事先制定好应急方案。使用泄漏应急套装配套吸附材料吸收泄漏液体：快速取出吸附棉条，依次接点重叠将漏油或化学液体围拦阻挡，以防进一步扩散污染大面积环境；取出吸附棉片，置于被棉条围住的油面或化学品液体表面上，依靠吸附棉片的超强吸附力对泄漏物料进行快速吸收，对于大量的泄漏则使用吸附棉枕进行快速吸附；在粗吸收处理后，对于残留液体，再使用吸附棉片完成最后的完全吸收处理。对于有害有毒废弃物，应采用适当的方法转移至适合的容器中存放，待进一步转运至应急处理桶中。

5、泄漏处理物及有害物料的处理及转运

取出防化垃圾袋，将所有用过的吸附棉片、吸附棉条、吸附棉枕、粘稠的液体或固体及其它杂质，分别清理到防化垃圾袋里，扎好袋口，必要时按当地的规定在垃圾袋附加特殊说明标识。垃圾袋废弃物或有害物料盛装容器需转移放入泄漏应急处理桶，在密封处理后转运给专业的废弃物处理公司处理。

6、消除污染

有害物料与泄漏处理物运用泄漏应急处理桶处理后，请依照当地的规定，对个人防护设备等进行消毒处理，防止二次污染。泄漏应急处理桶可以在处理清洗干净后，重新使用。

在使用泄漏应急处理套装的吸附材料前，请判断漏液量、漏液覆盖面积，合理的确定吸附处理的类型（吸附棉片、吸附棉条或吸附棉枕）及对应的数量。有害物品及危险品应急处理，请参考《危险化学品应急救援指南》中国科学技术出版社 2008 版。

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Thank you for using our products. As a company of caring employee safety and environmental protection, SYSBEL provides high quality products to ensure the safety of your working environment and personnel.



Comply with the regulations of EPA 40 CFR 264.175 of EPA and SPCC as well as U.S. NPDES.

Absorbents



Type	Product	Part No.	Sold as (per box)	Dimensions (cm)& Specifications	Packing H*W*D/cm	Ship. Wt. (Kgs.)	Absorbency Per (Gal/L)
ABSORBANT PAD	Oil-Only Absorbent Pad	OP002W	100 pads	50x40 (LxW) (2mm thick), perforated	23x52x42	5	10.5/40
	Hazmat Absorbent Pad	CP002Y					
	Universal Absorbent Pad	UP002G					
	Oil-Only Absorbent Pad	OP004W		50x40 (LxW) (4mm thick), perforated			
Hazmat Absorbent Pad	CP004Y						
	Universal Absorbent Pad	UP004G					
ABSORBANT SOCK	Oil-Only Absorbent Sock	OS002W	12 socks	7.6x120 (DIAMxL)	30x52x42	5.8	10/38
	Hazmat Absorbent Sock	CS002Y					
	Universal Absorbent Sock	US002G					
ABSORBANT PILLOW	Oil-Only Absorbent Pillow	SOP002	10 pillows	45x45x5 (LxWxH)	50x45x45	6.2	50
	Hazmat Absorbent Pillow	SCP002					
	Universal Absorbent Pillow	SUP002					
ABSORBANT ROLL	Oil-Only Absorbent Roll	SOR002	1 roll	5000x40 (LxW),perforated every 50cm Lengthwise, 2mm Thick	42x38x38	5	10.5/40
	Hazmat Absorbent Roll	SCR002					
	Universal Absorbent Roll	SUR002	1 roll	5000x40 (LxW),perforated every 50cm Lengthwise, 4mm Thick	42x55x55	9	21/80
	Oil-Only Absorbent Roll	SOR004					
	Hazmat Absorbent Roll	SCR004					
	Universal Absorbent Roll	SUR004					
POLY-BACK ABSORBENT MAT	Oil-Only Poly-Back Absorbent Mat	OM0001W	100 pads	50x40 (LxW) (3mm thick)	30x52x42	7	16/60
	Hazmat Poly-Backck Absorbent Mat	CM0001Y					
	Universal Poly-Back Absorbent Mat	UM0001G					
ABSORBENTS BOOM	Oil-Only Absorbents Boom	OB0001W	4 socks	12.7x300 (DIAMxL)	50x55x55	9	16/60
	Hazmat Absorbents Boom	CB0001Y					
	Universal Absorbents Boom	UB0001G					
DRUM & BARREL TOP MAT	Oil-Only Drum Mat	DOP001	25 pieces	55 (DIAM)	14x56x56	2.2	4.8/18
	Hazmat Drum Mat	DCP001					
	Universal Drum Mat	DUP001					
SPILL CONTAINMENT BOOM	PVC Float-Type Boom	FTB001	1section	20m/section			45
		FTB002					60
		FTB003					70
		FTB004					100
		FTB005					150

Spill Kits



Type	Product	Part No.	Dimensions (cm)& Specifications	Packing L*W*H/cm	Shp. Wt. (kgs.)	Absorbency Per (L)
SPILL KIT	Oil-Only Portable Spill Kit	SKIT001W	Contains ① 25 Absorbent Pads (40 x 50 cm) ② 3 Absorbent Socks (D.76 mm x 1.2 m) ③ 1 Medium Hazmat Disposal Bag and Ties ④ 1 goggles ⑤ 1 pair of gloves ⑥ User Manual	—	2.8	20
	Hazmat Portable Spill Kit	SKIT001Y				
	Universal Portable Spill Kit	SKIT001G				
	Oil-Only Movable Spill Kit	SKIT002W	Contains ① 240L Wheelie Bin 100 Absorbent Pads (40 x 50 cm) ② 12 Absorbent Socks (D76 mm x 1.2 m) ③ 5 Absorbent Pillows (45 x 45 x 5cm) ④ 5 Big Hazmat Disposal Bags and Ties ⑤ 1 goggles ⑥ 1 pair of gloves ⑦ User Manual	70x61x110	24	105
	Hazmat Movable Spill Kit	SKIT002Y				
	Universal Movable Spill Kit	SKIT002G				
	Oil-Only 95 Gallon Drum Overpack Spill Kit	SYK952	Contains ① A 95 Gallon Overpack Salvage Drum ② 100 Absorbent Pads (40 x 50 cm) ③ 24 Absorbent Socks (D.76 mm x 1.2 m) ④ 10 Absorbent Pillows (45 x 45 x 5cm) ⑤ 10 Big Hazmat Disposal Bags and Ties ⑥ 1 pair of gloves ⑦ User Manual	—	41	170
	Hazmat 95 Gallon Drum Overpack Spill Kit	SYK951				
	Universal 95 Gallon Drum Overpack Spill Kit	SYK950				
	Oil-Only 20 Gallon Drum Overpack Spill Kit	SYK202	Contains ① A 20 Gallon Overpack Salvage Drum ② 20 Absorbent Pads (40 x 50 cm) ③ 4 Absorbent Socks (D.76 mm x 1.2 m) ④ 5 Absorbent Pillows (45 x 45 x 5cm) ⑤ 3 Medium Hazmat Disposal Bags and Ties ⑥ 1 goggles RAX-9202 ⑦ 1 pair of gloves ⑧ User Manual	—	11.3	50
	Hazmat 20 Gallon Drum Overpack Spill Kit	SYK201				
	Universal 20 Gallon Drum Overpack Spill Kit	SYK200				
	Oil-Only Spill Kits Refills	SKS001W	Contains ① Diplock Bags ② 100 Absorbent Pads (40 x 50 cm) ③ 5 Absorbent Socks (D.76 mm x 1.2 m) ④ 5 Absorbent Pillows (45 x 45 x 5cm) ⑤ 1 Medium Hazmat Disposal Bags and Ties ⑥ 1 goggles ⑦ 1 pair of gloves ⑧ User Manual	67x50x30	5.5	25
	Hazmat Spill Kits Refills	SKS001Y				
	Universal Spill Kits Refills	SKS001G				

Discription

SYSBEL Absorbent(pad, sock and pillow)with melt blown polypropylene (MBPP) features high absorption rate, rapid absorption, good cleaning effect, which don't react with polar, toxic, hazardous chemicals, and is safe to use, causing no harm to personal health. Waste disposal is low in cost, and clean-up of spilled liquid is simple.It is a good helper for your workplace cleaning!

Products for Spill Control and Containment

1. SYSBEL MBPP absorbents are divided into absorbent pads, absorbent socks, absorbent pillows and absorbent rolls. The general guidance for use is shown as follows:

USE FOR

- **Absorbent pads** are used for small spill. When dealing with spills, please use pads to cover the spill area until the spills are absorbed completely.
 - **Absorbent socks** are used for spill control by the way of overlapping. They are often widely laid on the area where spill would happen frequently.
 - **Absorbent pillows** are used as ideal products for dealing with waste tank, coolant tank, storage container and catchpit.
 - **Absorbent rolls** can close to the ground, they are widely used for keep the ground clean, dry and safe when appearing spills
- Absorbents Classification** by absorption characteristics, White—Oil-only, Grey—Universal, Yellow—Hazmat
- Choose the White special use for oil, not water
 - Choose the Grey suitable for absorbing oils and solvents
 - Choose the Yellow suitable for absorbing acids, corrosive liquids, or an unknown liquid

CAUTIONS

For use safety, the absorbents are suggested to use in small sample test before a final model-selection.

STORAGE

Store in dry area or PPE storage cabinets and keep away from contaminated and moist areas.

2.SPILL KIT USE FOR

• Portable Spill Kits

portable, convenient for transport, suitable for small spill accident.

• Movable Spill Kits

Individual composes with a movable cabinet to realize easy-transfer of absorbents to work area. The kits' components mainly contain absorbent pads, absorbent socks, and absorbent pillows. These spill kits are suitable for use in middle spill accident. Help you to save time and costs and reduce chances of secondary contamination in spill containment.

• 20/95 Gallon Drum Overpack Spill Kits

The kits' ingredients mainly contain absorbent pads, absorbent socks, and absorbent pillows. These help you to save time and costs by effectively combinational application and reduce chances of secondary contamination. These products are suitable for dealing with large spill accident.

• 20/95 Gallon Overpack Salvage Drum

It is suitable for storage and transfer of hazard materials and wastes (flammables, corrosives and toxic chemical substances). This product is widely used in secondary package, transfer and transport, and also used in the area for dealing with chemical spill accidents.

APPLICATION GUIDE

WHEN THE SPILL OR ACCIDENT HAPPENS – RESPOND AS FOLLOWS

- **Assess the risk**
Assess the spill or the risk in accidents, and identify the spill material in advance. If possible, ensure the character of chemicals (flammability, explosiveness, reactivity or toxicity) for professional treatments, according to MSDS. Choose suitable spill kits for your operation.
 - **Select personal protective equipment (PPE)**
Choose proper PPE to safely response to dangers in accidents or the spill, including protective clothes, respirator, protective gloves, glasses or goggles, etc. If the material is unknown, assume the worst.
 - **Control the spread and stop the leak**
Use proper means to stop the source of the spilled material by the same time.
 - **Block or contain the spill/waste & cleanups**
Use the SYSBEL SPILL Kits absorbents: rapidly take out absorbent socks to divert and stop the spilled material before it has a chance to spread; clean up the contained spill with absorbent pads and pillows by measure of the volume of the spill. For the treatment to toxic materials, it is important to use proper cans to realize isolations.
 - **Post-treatment and transfer**
The contaminated absorbents should be sealed into biohazard disposal bags. If necessarily, tag and label the bags for the wastes by laws. The bags, toxic or dangerous material containers can only be transferred until they are sealed into overpack salvage drums, for later professional treatments.
 - **Decontaminate**
Decontaminate the site, personnel and equipments in treatment, for avoiding secondary contaminations. SYSBEL overpack salvage drums can be reused after cleaning.
- Please ascertain the patterns and quantities of absorbents (absorbent pads, absorbent socks, or absorbent pillows) in alliance to your action plan. Reference book for chemical emergency management and response solutions: emergency rescue manual for chemical hazard and risk. 2008. China science & technology press, Beijing.

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