

## SECTION 1 - IDENTIFICATION

**Product Identifier**

Product Number(s) 8500AA, 8500A, 8500B, 8500C

Product Name Black Per-Fix™ for ABS

Other Means of Identification Flaw Repair

<b>24 hr Emergency</b>
<b>Phone Number</b>
<b>800-255-3924</b> (Chem-Tel)

**Recommended Use and Restrictions on Use**

Recommended Use Touch-Up Coating for Molded Plastic Parts

Restrictions on Use None Identified

MANUFACTURER DETAILS		SUPPLIER DETAILS	
Name	Chem-Pak, Inc.	Name	
Address	242 Corning Way Martinsburg WV 25405	Address	
Phone Number	800-336-9828	Phone Number	
Fax Number	304-262-9643	Fax Number	

## SECTION 2 - IDENTIFICATION

**Hazard Classification**

HEALTH HAZARDS				PHYSICAL HAZARDS					
Acute Tox. Oral	<input type="checkbox"/>	Mutagenicity	<input type="checkbox"/>	Unstable Explosive	<input type="checkbox"/>	Refrigerated Liq. Gas	<input type="checkbox"/>	Pyrophoric Solid	<input type="checkbox"/>
Acute Tox. Skin	<input type="checkbox"/>	Carcinogenicity	2	Explosive	<input type="checkbox"/>	Flammable Liquid	<input type="checkbox"/>	Emits Flammable Gas	<input type="checkbox"/>
Acute Tox. Inhalation	<input type="checkbox"/>	Tox. to Reproduction	2	Flammable Gas	<input type="checkbox"/>	Flammable Solid	<input type="checkbox"/>	Oxidizing Liquid	<input type="checkbox"/>
Skin Irritation	<input type="checkbox"/>	STOT SE	3	Aerosol	1	Self-Reactive Sub.	<input type="checkbox"/>	Oxidizing Solid	<input type="checkbox"/>
Eye Irritation	2	STOT RE	<input type="checkbox"/>	Oxidizing Gas	<input type="checkbox"/>	Pyrophoric Liquid	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
Resp. Sensitization	<input type="checkbox"/>	Aspiration Hazard	1	Gas Under Pressure	X	Self-Heating Substance	<input type="checkbox"/>	Corrosive to Metal	<input type="checkbox"/>
Skin Sensitization	1		<input type="checkbox"/>	<b>ENVIRONMENTAL HAZARDS (GHS Rev 3 Only)</b>					
	<input type="checkbox"/>		<input type="checkbox"/>	Aquatic Acute	1	Aquatic Chronic	2	Ozone Depleting	<input type="checkbox"/>

**Signal Word**

Danger!

**Hazard Pictograms**



**Hazard Statements**

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

**General**

Keep out of reach of children.



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<b>Prevention</b>	Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned or feel unwell: Get medical advice/attention. Collect spillage.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
<b>Disposal</b>	Dispose of contents/container in accordance with local regulations.
<b>Hazards Not Otherwise Classified</b>	None identified.
<b>Unknown Acute Toxicity</b>	26.3 % by wt

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	% WT RANGE*
1	V M & P Naphtha	0064742-89-8	15 - 40
2	Propane	0000074-98-6	15 - 40
3	Ethyl Acetate	0000141-78-6	10 - 30
4	Methyl Acetate	0000079-20-9	7 - 13
5	Isobutyl Methacrylate	0000097-86-9	3 - 7
6	Propylene Glycol Mono Methyl Ether Acetate	0000108-65-6	1 - 5
7	Xylene	0001330-20-7	1 - 5
8	Amorphous Silica, Precipitated	0112926-00-8	0.5 - 1.5
9	Carbon Black	0001333-86-4	0.5 - 1.5
10	1,2,4-Trimethyl Benzene	0000095-63-6	0.1 - 1
11	Ethyl Benzene	0000100-41-4	0.1 - 1
12	Toluene	0000108-88-3	0.1 - 1

\* Exact percentages of composition withheld as trade secret

### SECTION 4 - FIRST AID MEASURES

#### Description of First-Aid Measures

<b>General</b>	If exposed or concerned seek medical advice/attention.
<b>Eye Contact</b>	Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.
<b>Skin Contact</b>	Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.
<b>Ingestion</b>	Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.
<b>First-Aid Responder Protection</b>	Wear adequate personal protective equipment based on the nature and severity of the emergency.

#### Most Important Symptoms and Effects, Both Acute and Delayed

<b>Eye Contact</b>	Liquid contact may cause pain along with moderate eye irritation.
<b>Skin Contact</b>	Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.
<b>Ingestion</b>	Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.



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## Inhalation

Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.

## Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	Treat symptomatically.
Specific Treatments/Antidotes	No information available.
Immediate Medical Attention	No information available.

## SECTION 5 - FIRE-FIGHTING MEASURES

### Extinguishing Media

Suitable Extinguishing Media	Water, CO <sub>2</sub> , dry chemical, or universal aqueous film forming foam
Unsuitable Extinguishing Media	Water jet

### Specific Hazards Arising from the Chemical or Mixture

Decomposition Products	Oxides of carbon (CO, CO <sub>2</sub> ), smoke, and/or vapors
Hazards from the Product	CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

### Advice for Firefighters

Protective Actions	Use water spray to cool fire exposed containers as contents may rupture violently from heat developed pressure.
Protective Equipment	As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel	No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
For Emergency Responders	Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

### Environmental Precautions

Precautions	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
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### Methods and Materials for Containment and Cleaning Up

Containment Procedures	Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.
Cleanup Procedures	Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
Other Information	Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.
Prohibited Materials	Combustible absorbent material such as sawdust, use of equipment that may cause sparking.



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## SECTION 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

#### General Handling Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. With adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.

#### Hygiene Recommendations

Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

### Conditions for Safe Storage Including Any Incompatibilities

#### Storage Requirements

Storage of individual cans should be done in an area below 50 °C (122 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.

#### Incompatibilities

Segregate storage away from materials indicated in Section 10

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

#### Occupational Exposure Limits

ID	OSHA			NIOSH			ACGIH			AIHA	
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING	TLV	STEL	CEILING	WEEL
2	1000 ppm	–	–	2100 ppm	1000 ppm	–	–	1000 ppm	–	–	–
3	400 ppm	–	–	2000 ppm	400 ppm	–	–	400 ppm	–	–	–
4	200 ppm	–	–	3100 ppm	200 ppm	250 ppm	–	200 ppm	250 ppm	–	–
7	100 ppm	–	–	900 ppm	100 ppm	150 ppm	–	100 ppm	150 ppm	–	–
8	20 mppcf	–	–	3000 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	–	–	–	–	–	–
9	3.5 mg/m <sup>3</sup>	–	–	1750 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	–	–	3 mg/m <sup>3</sup>	–	–	–
10	25 ppm	–	–	–	25 ppm	–	–	25 ppm	–	–	–
11	100 ppm	–	–	800 ppm	100 ppm	125 ppm	–	20 ppm	–	–	–
12	200 ppm	–	300 ppm	500 ppm	100 ppm	150 ppm	–	50 ppm	–	–	–

#### Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
7	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine	–
11	Sum of mandelic acid and phenyl glyoxylic acid in urine	End of shift at end of workweek	1.7 g/g creatinine	Ns, Sq
12	o-Cresol in urine	End of shift	0.5 mg/L	B

#### Other Control Parameters

Not Available

### Appropriate Engineering Control

#### Engineering Measures

Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

### Individual Protection Measures

#### Hygiene Considerations

Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.

#### Thermal Protection

This product does not present a thermal hazard.

#### Respiratory Protection

An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.

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<b>Skin Protection</b>	For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
<b>Eye/Face Protection</b>	Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
<b>Other Protective Equipment</b>	Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Physical Properties

<b>Boiling Point</b>	> 57.0 °C (134.6 °F)	<b>Melting / Freezing Point</b>	> -98.1 °C (-144.6 °F)
<b>Flash Point, Liquid</b>	> -10.0 °C (14.0 °F)	<b>Flash Point, Propellant</b>	-104.4 °C (-156.0 °F)
<b>Explosive Limits</b>	0.85% - 24.60%	<b>Autoignition Temperature, Liquid</b>	227.8 °C (442.0 °F)
<b>Flammability</b>	Extremely Flammable Aerosol	<b>Relative Density (H<sub>2</sub>O = 1)</b>	0.726 g/cc
<b>Molecular Weight</b>	Not Available	<b>Weight</b>	6.058 lbs/gal
<b>Vapor Pressure</b>	108.00 psig	<b>pH</b>	Not Available
<b>Vapor Density</b>	5.580 g/cc Maximum	<b>Evaporation Rate</b>	Not Available
<b>Form</b>	Pressurized Product	<b>Partition Coefficient</b>	Not Available
<b>Viscosity</b>	Not Available	<b>Refractive Index</b>	Not Available
<b>Odor Threshold</b>	Not Available	<b>Heat of Combustion (ΔH<sub>c</sub>)</b>	Not Available
<b>Odor</b>	Paint-like	<b>Water Solubility</b>	Not Available
<b>Appearance / Color</b>	Black color	<b>Decomposition Temperature</b>	Not Available

### Air Quality Properties

<b>Percent Volatile</b>	96% Wt (98% Vol) Max	<b>VOC Regulatory</b>	5.627 lbs/gal (674.270 g/L)
<b>Percent VOC</b>	86% Wt (90% Vol) Max	<b>VOC Actual</b>	5.183 lbs/gal (621.020 g/L)
<b>Percent HAP</b>	3% Wt (3% Vol) Max	<b>HAP Content</b>	0.175 lbs/gal (20.969 g/L)
<b>Solids/Non Volatile Content</b>	5% Wt (3% Vol) Max	<b>Maximum Incremental Reactivity</b>	1.523 g O <sub>3</sub> /g
<b>Global Warming Potential</b>	0.835		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity is available for this product or its ingredients.
<b>Chemical Stability</b>	This product is stable.
<b>Hazardous Reactions</b>	Under normal conditions of storage and use, hazardous reactions are not expected to occur.
<b>Conditions to Avoid</b>	Keep away from heat, sparks, flame, and red hot metal.
<b>Material Incompatibility</b>	Acids, Alkali Metals, Alkalis, Aluminum, Bases, Copper, Dichlorohydrantion, Halogens, Hydrofluoric Acid, Lithium Aluminum Hydride, Manganese Trifluoride, Nitrates, Nitric Acid, Nitrogen Tetroxide, Potassium Tert-Butoxide, Silver Perchlorate, Strong Acids, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Tetranitromethane, Uranium Hexafluoride
<b>Decomposition Productions</b>	Oxides of Carbon, Acetic Acid, Isopropanol, Methanol may be formed depending on fire conditions.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute Toxicity Estimates (mixture)

<b>Oral LD<sub>50</sub></b>	5748 mg/kg
<b>Dermal LD<sub>50</sub></b>	4550 mg/kg
<b>Inhalation LC<sub>50</sub></b>	34 mg/L 4-hour



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## Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	5000 mg/kg	rat	3000 mg/kg	rabbit	–	–	–
2	–	–	–	–	658 mg/L	4h	rat
3	10200 mg/kg	rat	>18000 mg/kg	rabbit	>32380 ppm	4h	rat
4	>5000 mg/kg	rat	>5000 mg/kg	rat	>16000 ppm	4h	rat
5	11824 mg/kg	mouse	17760 mg/kg	guinea pig	>31350 mg/m3	4h	rat
6	8532 mg/kg	rat	7500 mg/kg	rabbit	>5320 ppm	4h	rat
7	4300 mg/kg	rat	4500 mg/kg	rabbit	6700 mg/L	4h	rat
9	>15400 mg/kg	rat	>3000 mg/kg	rabbit	6750 mg/m3	4h	rat
10	5000 mg/kg	rat	>3160 mg/kg	rabbit	18000 mg/m3	4h	rat
11	4720 mg/kg	rat	15500 mg/kg	rabbit	4000 ppm	4h	rat
12	636 mg/kg	rat	>12000 mg/kg	rabbit	49 mg/m3	4h	rat

## Health Hazard Classification

<b>Skin Corrosion / Irritation</b>	Classification criteria not met
<b>Eye Damage / Irritation</b>	Category 2
<b>Respiratory Irritation</b>	Classification criteria not met
<b>Respiratory / Skin Sensitization</b>	Category 1
<b>Germ Cell Mutagenicity</b>	Classification criteria not met
<b>Reproductive Toxicity</b>	Category 2
<b>STOT - Single Exposure</b>	Category 3
<b>STOT - Repeated Exposure</b>	Classification criteria not met
<b>Aspiration Hazard</b>	Category 1

## Carcinogen Data

ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
9	Yes	-	App A & C	A3	-	2B
11	Yes	-	-	A3	-	2B

## Information on the Likely Routes of Exposure

**Routes of Exposure** Skin contact, skin absorption, eye contact, inhalation

## Information on Physical, Chemical and Toxicological Effects

**Symptoms of Exposure** Abdominal Cramps, Asphyxia, Bronchitis, Central Nervous System Depression, Chemical Pneumonitis, Chest Tightness, Coma, Confusion, Cough, Dermatitis, Diarrhoea, Dizziness, Drowsiness, Dry Cracking Skin, Excitation, Optic Nerve Atrophy, Skin Irritation, Staggering Gait, Throat Irritation, Upper Respiratory System Irritation, Vomiting

## Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure

**Delayed Effects** No known delayed effects.

**Immediate Effects** No known immediate effects.

**Chronic Effects** Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal. Reports of chronic poisoning from Toluene describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Exposure may affect a developing fetus.

**Medical Conditions Aggravated** May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

**Target Organs** Bladder, Blood, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin



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## SECTION 12 - ECOLOGICAL INFORMATION

### Acute Aquatic Toxicity

ID	TYPE	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
		VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	
3	LC50	230 mg/L	96h	EC50	717 mg/L	48h	EC50	3300 mg/L	48h	EC50	5870 mg/L	15m	
4	LC50	399 mg/L	96h	EC50	1027 mg/L	48h	EC50	>120 mg/L	72h	EC50	6100 mg/L	30m	
5	LC50	20 mg/L	96h	EC50	>29 mg/L	48h	EC50	0.74 mg/L	96h	ECO	>281 mg/L	16h	
6	LC50	180 mg/L	96h	EC50	408 mg/L	48h	IC50	>1000 mg/L	72h	EC20	>1000 mg/L	30m	
7	LC50	26.7 mg/L	96h	LC50	14 mg/L	24h	—	—	—	—	—	—	
8	—	—	—	EC50	>1000 mg/L	96h	—	—	—	—	—	—	
9	NOEC	1000 mg/L	96h	EC50	>5600 mg/L	24h	—	—	—	ECO	400 mg/L	3h	
10	LC50	9.22 mg/L	96h	EC50	6.14 mg/L	48h	—	—	—	—	—	—	
11	LC50	97.1 mg/L	96h	LC50	77 mg/L	24h	EC50	63 mg/L	3h	EC50	130 mg/L	48h	
12	LC50	13 mg/L	96h	EC50	11.5 mg/L	48h	EC50	>250 mg/L	24h	ECO	29 mg/L	16h	

### Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Koc
1	95% / 28 days	—	—	—	2.1 log Pow	—	—
2	—	—	—	—	2.36 log Pow	1.47 log BCF	2.36 log Koc
3	100% / 28 days	1 g/g	1.69 g/g	1.82 g/g	0.73 log Pow	1.48 log BCF	0.788 log Koc
4	—	—	1511.8 mg/g	1510 mg/g	0.18 log Pow	—	0.68 log Koc
5	—	600 mg/L	—	—	2.579 log Pow	1.415 log BCF	3.17 log Koc
6	—	360 mg/g	1740 mg/g	1820 mg/g	0.56 log Pow	0.01 log BCF	0.36 log Koc
7	—	0.64 mg/L	—	2410 mg/g	3.271 log Pow	2.2557 log BCF	3.156 log Koc
9	—	5 mg/L	—	—	1.09 log Pow	0.599 log BCF	1.99 log Koc
10	—	—	—	—	3.714 log Pow	2.12 log BCF	3.4 log Koc
11	—	1780 mg/g	—	3170 mg/g	3.15 log Pow	1.18 log BCF	2.4 log Koc
12	86% / 20 days	2.15 mg/g	2.52 mg/g	3.13 mg/g	2.65 log Pow	1.57 log BCF	2.15 log Koc

### Other Adverse Effects

No additional information available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### Waste Disposal

Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

### Waste Disposal of Packaging

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

### Landfill Precautions

Not available

### Incineration Precautions

\*\* DO NOT INCINERATE \*\* CONTENTS UNDER PRESSURE \*\*

## SECTION 14 - TRANSPORTATION INFORMATION

### Transportation Information

UN Number

### Ground Transportation (DOT)

UN1950

### Air Transportation (IATA)

UN1950

### Ocean Transportation (IMDG)

UN1950

Proper Shipping Name

Aerosols, Limited Quantity

Aerosols, Flammable, Limited Quantity

Aerosols, Limited Quantity

Hazard Class(es)

2.1

2.1

2.1

Packaging Group

—

—

—

Marine Pollutant

No

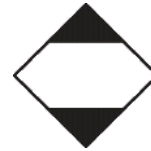
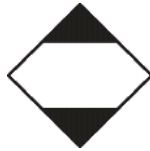
No

No



## PER-FIX™ Black ABS

Hazard Label(s)



### SECTION 15 - REGULATORY INFORMATION

#### Federal Regulations

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312			CLEAN AIR ACT		CLEAN WATER ACT
								ACUTE	CHRONIC	PRESSURE	HAP	SOCMI	
1	Yes	-	-	-	-	-	-	-	Yes	-	-	-	
2	Yes	-	-	-	-	Yes	-	-	-	-	-	-	
3	Yes	-	U112	5000	-	Yes	-	Yes	-	-	-	-	
4	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	
5	Yes	-	-	-	-	Yes	-	Yes	-	-	-	-	
6	Yes	-	-	-	-	Yes	-	-	-	-	-	-	
7	Yes	-	U239	100	2%	Yes	-	Yes	-	-	Yes	Yes 100	
8	Yes	-	-	-	-	-	-	-	-	-	-	-	
9	Yes	-	-	-	-	-	-	-	-	-	-	-	
10	Yes	-	-	-	1%	Yes	-	Yes	-	-	-	-	
11	Yes	-	-	1000	>1%	Yes	-	Yes	-	-	Yes	Yes 1000 (PP)	
12	Yes	-	U220	1000	>1%	Yes	-	Yes	Yes	-	Yes	Yes 1000 (PP)	

#### State Regulations

ID	CA	DE	MA	ME	MN	NJ	NY		PA	WA	WI	WV		
	P-65	RQ	RTK CODES	TYPE	RQ	RTK	AIR	LAND	ACUTE	LISTED	PEL TWA	TABLE	TAP	
2	-	F1000 **	2,4,5,6	-	-	AP	-	-	Yes	-	1000 ppm	-	-	
3	-	5000	2,4,5,6 F8	-	20000	AO	-	-	-	5000	1	Yes-E	400 ppm	-
4	-	-	2,4,5,6	-	-	AO	-	-	-	-	-	Yes	200 ppm	-
7	-	100	2,4 F8 F9	-	2000	ANO	Yes	-	Yes	1000	1	Yes-E	100 ppm	A
8	-	-	4	-	-	-	-	-	-	-	-	-	6 mg/m3	-
9	C	-	2,4 F5	-	-	ANOR	-	-	-	-	-	Yes	3.5 mg/m3	A
10	-	100	F7 F9	-	1000	-	-	-	Yes	-	-	Yes-E	-	-
11	C	1000	2,4,5,6 F7 F8 F9	-	2000	AO	Yes	Yes	Yes	1000	1	Yes-E	100 ppm	A
12	DF	1000	2,4,5,6 F7 F8 F9	-	2000	ANO	Yes	Yes	Yes	1000	1	Yes-E	100 ppm	A

### SECTION 16 - OTHER INFORMATION

#### SDS Revision History

Revision 1, 04/07/2005, Original  
 Revision 2, 08/19/2005, Changed product number to 8500.  
 Revision 3, 05/25/2006, General update. Added RoHS Compliance information.  
 Revision 4, 07/24/2008, Minor fix.  
 Revision 5, 03/23/2009, Complete update to GHS format.  
 Revision 6, 08/15/2012, Updated to GHS format Version 4.  
 Revision 7, 02/22/2013, Updated formula.  
 Revision 8, 11/11/2014, Amended to GHS Version 3 format per OSHA (HCS 2012) 29 CFR 1910.1200.

#### SDS Compliance

This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact our Regulatory Department at [msds@chem-pak.com](mailto:msds@chem-pak.com)

OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200  
 Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3

#### Disclaimer of Liability

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