



MATERIAL SAFETY DATA SHEET

For Spraylat Liquid Coatings and Associated Liquid Materials

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Chemtrec

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Chemtrec

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name : **Field Master 323 Black**

Date Printed : 07/06/09

Revision Number : 1

Revision Date : 09/08/08

Supersedes : None

II. COMPOSITION/INFORMATION ON INGREDIENTS - (EXPOSURE LIMITS - SEE SECTION VIII)

INGREDIENT NAME	CAS #	%
Stoddard solvent	8052-41-3	20.01 - 25.00
p-Chlorobenzotrifluoride	98-56-6	15.01 - 20.00
Carbon black	1333-86-4	1.01 - 5.00
Xylene	1330-20-7	1.01 - 5.00
Ethylbenzene	100-41-4	0.10 - 1.00

If ingredient percentages do not total 100%, the balance is due to rounding or applies to ingredient(s) deemed nonhazardous under 29 CFR 1910.1200 (Hazard Communication Standard).

III. HAZARDS IDENTIFICATION

	HMIS
HEALTH	2 *
FLAMMABILITY	2
REACTIVITY	0

0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme * = Chronic Health Effects

Routes of Entry:

Skin contact, Inhalation, Absorption, Eye contact, Ingestion.

Medical Conditions Aggravated:

Eye disease, Skin disease including eczema and sensitization, Kidney disease, Liver disease, Digestive tract disease, Lung disease.

Immediate (Acute) Health Effects:

Inhalation:

Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact:

Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Eye Contact:

Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Skin Absorption:

Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

Ingestion:

Harmful if swallowed. May cause systemic poisoning. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide.

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including: the material spilled, the quantity of the spill, and the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

Spill Mitigation Procedures:

General Methods:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. For liquid spills, dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Air Release:

Ventilate the area by opening door and/or turning on fans and blowers.

Water Release:

Retain all contaminated water for treatment.

Land Spills:

Avoid runoff into storm sewers and ditches that lead to waterways.

VII. HANDLING AND STORAGE

Handling:

Harmful or irritating; avoid overexposure to the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment.

Storage:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed when not in use. Keep away from sources of ignition.

VIII. ENGINEERING CONTROLS, PERSONAL PROTECTIVE EQUIPMENT, AND EXPOSURE LIMITS

Engineering Controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. See table at the end of this Section VIII below for exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Engineering controls must be designed to meet any relevant OSHA chemical specific standards in 29 CFR 1910.

Protective Equipment:

Respiratory Tract:

If general or local exhaust ventilation is not available or sufficient to reduce exposure to below acceptable levels, then respiratory protection is required to avoid overexposure when handling this product.

Eyes:

Wear safety glasses with side shields when handling this product. When the possibility exists for eye contact with splashing or spraying liquid, or airborne material, wear additional eye protection such as chemical splash goggles and/or face shield. Do not wear contact lenses. Have an eye wash station available.

Skin:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Protective Clothing:

Wear chemically resistant gloves and apron. (Consult your safety equipment supplier).

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL	IDLH
Stoddard solvent	8052-41-3	100 ppm TWA	500 ppm TWA; 2900 mg/m ³ TWA	20000 mg/m ³ IDLH
p-Chlorobenzotrifluoride	98-56-6	No TLV	No PEL established	Not determined.
Carbon black	1333-86-4	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	1750 mg/m ³ IDLH
Xylene	1330-20-7	100 ppm TWA 150 ppm STEL	100 ppm TWA; 435 mg/m ³ TWA	900 ppm IDLH
Ethylbenzene	100-41-4	100 ppm TWA 125 ppm STEL	100 ppm TWA; 435 mg/m ³ TWA	800 ppm IDLH

IX. PHYSICAL DATA

Appearance:

Black Liquid.

Color:

Black

XVI. ADDITIONAL INFORMATION

Major References: VENDOR'S MSDS's, PAINT & COATINGS HANDBOOK, EPA'S LIST OF LISTS, AND OTHER PUBLISHED MATERIALS.

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