

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special - Manufactured For: Hillyard Industries, Inc. Address: 302 N. 4 th Street Address: St. Joseph, MO 64501		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): <div style="text-align: center;">CARPET SPOTTER Part# HIL0102954</div>				
Phone: (816)-233-1321 ext. 8285 or http://www.hillyard.com EMERGENCY RESPONSE NUMBER: Chemtrec 1-800-424-9300 NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA		MSDS Number: A00173 Revision -8 Date Prepared: 07/02/04 Prepared By: TR/IB Information Calls: (770) 422-2071				
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOBUTANE / PROPANE BLEND		75-28-5	No	800	800	d
		74-98-6	No	1000	1000	d
ISOPROPANOL		67-63-0	No	400	400	d
2-BUTOXYETHANOL		111-76-2	Yes*	25 (skin)	20 (skin)	d
ACETONE		67-64-1	No	1000	750	d
PROPYLENE GLYCOL PHENYL ETHER		770-35-4	No	NE	NE	d
DIPROPYLENE GLYCOL METHYL ETHER		34590-94-8	No	NE	NE	d
*GLYCOL ETHER						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A Vapor Pressure: PSIG @ 70°F (Aerosols): Max.60 Vapor Density (Air = 1): N/E Solubility in Water: Soluble Appearance and Odor: Clear spray with sweet fragrance.		Specific Gravity (H2O=1): Concentrate Only = 0.985 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A Evaporation Rate (= 1): N/E Water Reactive: No				
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): 12 inch projection (not categorized as flammable)		Auto Ignition Temperature N/E		Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E		
FLASH POINT AND METHOD USED (non-aerosols): N/A SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.				
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE Incompatibility (Mat. to avoid): Strong oxidizers		HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR Conditions to Avoid: Open flame, welding arcs, heat.				
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and trace oxides of nitrogen.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.						
Eye Contact: Slight irritation.		Skin Contact: Slight irritation. Prolonged contact increases irritation and skin absorption.				
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.						
CHRONIC EFFECTS:						
Excessive and prolonged over- exposure may cause damage to nasal & respiratory passages, throat & esophagus. Lab animals have experienced anemia, liver, kidney, lung, blood damage to 2-butoxyethanol.						
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.						
Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritated, seek medical attention. Launder contaminated clothing before re-use.						
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in positive pressure mode.						
Protective Gloves: Disposable latex gloves suggested.		Eye Protection: Safety glasses recommended.				
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.						
Other Protective Clothing & Equipment: None						
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Flush to sewer with water.						
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.						
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only