MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

Masterchem®Industries, Inc.
3135 Old Highway M
Imperial, MO 63052
Company Code: MTER
Issue Date: July 13, 1998

Transportation Emergencies:
Call Chemtrec
1-800-424-9300
Emergency Telephone No.
1-800-325-3552
Medical Emergencies:
1-866-303-6951

NPCA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

RATING	IDENTIFICATION
4 = EXTREME	HEALTH 2
3 = HIGH	FLAMMABILITY 4
2 = MODERATE	REACTIVITY 0
1 = SLIGHT	CHRONIC HEALTH
0 = MINIMAL See Section V	

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Hammerite® - Smooth Dark Green Quick Dry Metal Finish**
PRODUCT NUMBER: 42230
PRODUCT CLASS: Aerosol Spray Paint

SECTION II A-HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	LISTED AS A CARCINOGEN
			TLV	PEL		
67-64-1	32.44	Acetone	750 ppm	750 ppm	231 mm @ 25°C	No
68476-86-8	35.00	Propellant (Propane/n-Butane Blend)	900 ppm	900 ppm	70 PSIG @ 25°C	No
1330-20-7	12.12	Xylene (Mixed Isomers)	100 ppm	100 ppm	9 mm Hg @ 25°C	No
100-41-4	2.82	Ethyl Benzene	125 ppm	5 ppm	10 mm Hg @ 25°C	2B
SECTION II B - OTHER INGREDIENTS						
68783-94-8	10-20	Styreneated Alkyd Copolymer	–	–	—	No
1328-53-6	<1	Copper Phthalocyanine Green	–	–	—	No
1333-86-8	<1	Carbon Black Pigment	–	–	–	No

SECTION III - PHYSICAL DATA

APPEARANCE: Dark Green, Aerosol Spray	ODOR: Mild, Sweet Ketone
BOILING RANGE: Minus 43.7° F to Plus 286°F	VAPOR DENSITY: ☒ HEAVIER LIGHTER THAN AIR
EVAPORATION RATE: FASTER ☒ SLOWER THAN BUTYL ACETATE	89.6% VOLATILE VOLUME: 5.97 POUNDS WT/GAL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA 1A		FLASH POINT: Minus 156 F FTCC	LEL: 1.0 UEL: 12.8	DOT: Consumer Commodity ORM-D	
EXTINGUISHING MEDIA:					
DRY CHEMICAL ☒	ALCOHOL FOAM	WATER FOG	FOAM ☒	CO_2 ☒	OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: Explosive air/vapor mixtures may form when exposed to heat. Vapors are heavier than air and may travel along the ground and be ignited by open flame, sparks, static discharge or by other sources of ignition. Containers may burst when exposed to extreme heat. Over exposure to combustion products may cause a health hazard. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, should be used to protect firefighters from any hazardous combustion products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic, irritation of the respiratory tract or acute nervous system depression characterized by the following progressive steps; headache, dizziness, staggering gait, confusion, unconsciousness, or coma. Skin or eye contact: Primary irritant.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Reports have associated repeated and prolonged occupation overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

PRIMARY ROUTE(S) OF ENTRY:

DERMAL ☒	INHALATION ☒	INGESTION ☒

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove to fresh air. If respiration has stopped restore breathing. Treat symptomatically. Consult a physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin); Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: Drink 1 or 2 glasses of water to dilute. Do **not** induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

SECTION VI - REACTIVITY DATA

STABILITY:	UNSTABLE	STABLE ☒
HAZARDOUS POLYMERIZATION:	MAY OCCUR	WILL NOT OCCUR ☒

HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: carbon monoxide, carbon dioxide, hydrocarbons, oxides of nitrogen and other products of combustion.

CONDITIONS TO AVOID: High temperatures and high humidities, ignition sources and vapor build-up.

INCOMPATIBILITY: (MATERIALS TO AVOID) Peroxides or strong oxidizing agents.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Limit spread of spill or leak. Remove all sources of ignition and ventilate area. Soak up with inert absorbent material. Use non-sparking tools when removing wet absorbent. See Section VIII for required protective measures. Keep material out of sewers and/or drains.

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations. Dry paint and empty aerosol containers may be landfilled. Full or partially full aerosol containers should not be punctured or incinerated and should be treated as hazardous waste which requires disposal at an approved hazardous waste site.

SECTION VIII-SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or Equivalent) or leave the area.

VENTILATION: Open doors and windows to provide ventilation of sufficient volume and pattern to keep air contaminant concentrations below occupational exposure limits as shown in Section II A.

PROTECTIVE GLOVES: Required, rubber or neoprene to prevent skin contact.

EYE PROTECTION: Use safety eyewear including slash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing. Remove and wash contaminated clothing before re-use.

HYGIENIC PRACTICES: Wash hands before eating or using the washroom. Smoke in smoking areas only.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in a cool, well-ventilated area, as a level 3 aerosol (NFFA 30B) and in accordance with OSHA 1910.16. Avoid prolonged exposure to direct sunlight. Do not store near heat, sparks or open flame.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. Avoid breathing vapors and spray mists. Avoid contact with skin and eyes. Protect containers from damage. Do not heat, puncture or incinerate containers. Contents under pressure and may contain explosive vapors. Do not remove or deface label. Keep out of the reach of children.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The product is no more hazardous than its component parts pursuant to 29CFR 1910.1200 (D). The technical information on this MSDS sheet is based upon information submitted by manufacturers and additional information furnished by distributor's chemical suppliers and manufacturers. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

PREPARED BY: William R. Benton	DATE PREPARED: May 7, 2003
TITLE: MSDS Coordinator	SUPERSEDES: August 15, 2000 S-DKGRN-A

(Signature Available Upon Request)