

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : RUST KILL HI HEAT BLK AEROSOL  
 IDENTIFICATION NUMBER: 8-2020 DATE PRINTED: 06/07/01  
 PRODUCT USE/CLASS : Aerosol Spray

SUPPLIER: Yenkin-Majestic Paint Corporation  
 1920 Leonard Avenue  
 Columbus, OH 43219 USA

MANUFACTURER: Yenkin-Majestic Paint Corporation  
 1920 Leonard Avenue  
 Columbus, OH 43219 USA

CHEMTREC: 1-800-424-9300  
 24 Hr. Emergency Hotline

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PREPARER: Tony L. Montjoy, PHONE: 614-253-8511, PREPARE DATE: 06/07/01

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	PROPANE	74-98-6	20.0 %
02	ACETONE	67-64-1	15.0 %
03	N-BUTANE	106-97-8	15.0 %
04	TOLUENE	108-88-3	15.0 %
05	XYLENE	1330-20-7	10.0 %
06	ALIPHATIC HYDROCARBON	8032-32-4	10.0 %
07	HYDROUS CALCIUM MAGNESIUM SILICATE	MIXTURE	10.0 %
08	ALIPHATIC HYDROCARBON (MS)	8052-41-3	5.0 %
09	ETHYL BENZENE	100-41-4	5.0 %
10	NORMAL BUTANOL	71-36-3	5.0 %
11	MANGANESE FERRITE BLACK SPINEL	68186-94-7	5.0 %
12	SYNTHETIC AMORPHOUS SILICA	7631-86-9	1.0 %

ITEM	EXPOSURE LIMITS				COMPANY TLV-TWA	SKIN
	ACGIH		OSHA			
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
01	N.E.	N.E.	1000 ppm	N.E.	N.E.	NO
02	500 ppm	750 ppm	750 ppm	1000 ppm	N.E.	NO
03	800 ppm	N.E.	800 ppm	N.E.	N.E.	NO
04	50 PPM	150 ppm	100 PPM	300 PPM	N.E.	YES
05	100 PPM	150 PPM	100 PPM	N.E.	N.E.	NO
06	300 PPM	N.E.	300 ppm	N.E.	N.E.	NO
07	5 mg/m3	N.E.	5 mg/m3	N.E.	N.E.	NO

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS
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ITEM	----- EXPOSURE LIMITS -----					COMPANY TLV-TWA	SKIN
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING			
08	100 PPM	N.E.	N.E.	N.E.	N.E.	N.E.	NO
09	100 ppm	N.E.	100 ppm	N.E.	N.E.	N.E.	NO
10	N.E.	50 PPM*	100 PPM	N.E.	N.E.	N.E.	YES
11	0.2 mg/m3	N.E.	1.0 mg/m3	5.0 mg/m3	N.E.	N.E.	NO
12	5 mg/m3	N.E.	5 mg/m3	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend), \* - Ceiling Value

SECTION 3 - HAZARDS IDENTIFICATION
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\*\*\* EMERGENCY OVERVIEW \*\*\*: Harmful if inhaled. Harmful if absorbed through skin. May cause delayed lung damage. Cause (target organ or system) damage. (e.g., lung, nervous system, blood disorders, liver, kidney, immune system, cardiovascular system, thyroid, testicular, ovarian, etc.). Vapors irritating to eyes and respiratory tract. High vapor concentrations may cause drowsiness. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Extensive, prolonged or repeated exposure to this material can result in significant absorption.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Breathing saturated vapors for a few minutes may be fatal. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation. When incorporated in the liquid paint, pigments or extenders pose a minimal risk of exposure. Sanding or abrading the dried paint film increases the risk of exposure. Proper respiratory protection MUST be worn when sanding or abrading surfaces painted with this product.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. May cause

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SECTION 3 - HAZARDS IDENTIFICATION
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cardiovascular disorder and damage. IARC has classified Ethylbenzene as possibly carcinogenic to humans on the basis of sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Ethylbenzene is NOT classified as carcinogenic by NTP or OSHA.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION EYE CONTACT

SECTION 4 - FIRST AID MEASURES
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FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES
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FLASH POINT: -156 F

LOWER EXPLOSIVE LIMIT: 0.5 %  
UPPER EXPLOSIVE LIMIT: 12.8 %

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and may be ignited by pilot lights, other flames, sparks heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Eliminate or shut off ALL ignition sources prior to usage.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire).

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: Use ONLY in areas with adequate ventilation. If this product is used in an area without adequate ventilation (inside an enclosed room or building) a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister MUST be used.

SKIN PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Rubber, Nitrile or Neoprene to prevent skin contact.

EYE PROTECTION: No Information.

OTHER PROTECTIVE EQUIPMENT: No Information.

HYGIENIC PRACTICES: Wash hands before eating. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: -42 - 383 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Organic Solvent	ODOR THRESHOLD	: N.D.
APPEARANCE	: Aerosol Spray	EVAPORATION RATE	: Is faster than Ether
SOLUBILITY IN H2O	: Insoluble		
FREEZE POINT	: N.A.	SPECIFIC GRAVITY	: 0.7639
VAPOR PRESSURE	: N.D.	pH @ 0.0 %	:
PHYSICAL STATE	: Aerosol	VISCOSITY	: N.A.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperatures or High humidity. Heat, sparks and open flames.

INCOMPATIBILITY: None reasonably foreseeable.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: Carbon Monoxide, Carbon Dioxide and various other hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT INCINERATE! Dispose of in accordance with all Local, State and Federal Regulations. Approved Hazardous Waste Facility.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMODITY

DOT TECHNICAL NAME:

DOT HAZARD CLASS:

HAZARD SUBCLASS:

DOT UN/NA NUMBER: ORM-D

PACKING GROUP:

RESP. GUIDE PAGE:

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## SECTION 14 - TRANSPORTATION INFORMATION

EXCEPTIONS: No Information.

## SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD    CHRONIC HEALTH HAZARD    FIRE HAZARD    PRESSURIZED  
GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
TOLUENE	108-88-3	15.0 %
XYLENE	1330-20-7	10.0 %
ETHYL BENZENE	100-41-4	5.0 %
NORMAL BUTANOL	71-36-3	5.0 %
MANGANESE FERRITE BLACK SPINEL	68186-94-7	5.0 %

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
ACETONE	67-64-1

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## SECTION 15 - REGULATORY INFORMATION

## U.S. STATE REGULATIONS: AS FOLLOWS -

## NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous materials are among the top five ingredients.	

## PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
ALKYD RESIN COPOLYMER	MIXTURE

## CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer:

----- CHEMICAL NAME -----	CAS NUMBER
No chemicals containing Proposition 65-listed carcinogens exist in this product.	

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
No chemicals containing Proposition 65-listed reproductive toxins exist in this product.	

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
TOLUENE	108-88-3
TOLUENE	

## INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 15 - REGULATORY INFORMATION
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SECTION 16 - OTHER INFORMATION
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HMIS RATINGS - HEALTH: 2            FLAMMABILITY: 4            REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 06/07/01

VOLATILE ORGANIC COMPOUNDS (VOCs): 5.10 lbs/gal,    611 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

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The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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<END OF MSDS>