

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 03767 659212 604  
PRODUCT NAME . . . : Rust Destroyer  
PRODUCT CLASS . . . : Aerosol Coating

MSDS PREPARATION DATE : 01/11/2005

MANUFACTURER IDENTIFICATION:

RAABE COMPANY LLC  
PO BOX 1090

MENOMONEE FALLS WI 53052

CUSTOMER IDENTIFICATION:

Advanced Protective Products  
17-10 River Road Suite 4C

Fair Lawn NJ 07410

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300  
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887  
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 CALCIUM CARBONATE

CAS# 1317-65-3

CALCIUM CARBONATE

PCT BY WT: 12.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 10 mg/m3  
COMPANY N.E.

2 IRON OXIDE

CAS# 1309-37-1

IRON OXIDE

PCT BY WT: 4.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 5 mg/m3  
ACGIH TLV-STEL NO INFO

3 N-BUTANE

CAS# 106-97-8

N-BUTANE

PCT BY WT: 6.0000 VAPOR PRESSURE: 879.100 MMHG @ 68F LEL 1.80

EXPOSURE LIMIT:

ACGIH TLV-TWA 800 ppm

ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 800 ppm  
COMPANY N.E.

---

4 PROPANE

CAS# 74-98-6

PROPANE

PCT BY WT: 17.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20

EXPOSURE LIMIT:

ACGIH TLV-TWA 1000 ppm  
ACGIH TLV-STEL NO INFORMATION

---

5 SILICA, CRYSTALLINE QUARTZ

CAS# 14808-60-7

SILICA, CRYSTALLINE QUARTZ

PCT BY WT: .1160 LEL 99.00

EXPOSURE LIMIT:

ACGIH TLV-TWA 0.1 MG/M3 (respirable)  
ACGIH TLV-STEL NONE ESTABLISHED  
OSHA PEL-TWA 0.1 MG/M3 (respirable)  
OSHA PEL-STEL NONE ESTABLISHED  
OTHER NIOSH 0.05 mg/M3 respirable free silica, 10 hours  
LD50(ORAL) NTP & IARC - There is sufficient evidence of  
LD50(DERMAL) carcinogenicity in laboratory animals and limited  
LC50 evidence in humans.

---

6 MINERAL SPIRITS

CAS# 8052-41-3

MINERAL SPIRITS

PCT BY WT: 8.0000 LEL 1.10

EXPOSURE LIMIT:

ACGIH TLV-TWA 100 ppm  
ACGIH TLV-STEL NO INFO  
OSHA PEL-TWA 100 ppm  
COMPANY N.E.

---

7 ACETONE

CAS# 67-64-1

ACETONE

PCT BY WT: 39.0000 VAPOR PRESSURE: 231.000 MMHG @ 68F LEL 2.60

EXPOSURE LIMIT:

ACGIH TLV-TWA 750 ppm  
ACGIH TLV-STEL 1000 ppm  
OSHA PEL-TWA 750 ppm  
OSHA PEL-STEL 1000 ppm  
COMPANY N.E.

---

\*\*\*\*\*  
This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.  
\*\*\*\*\*

-----  
SECTION 3 - HAZARDS IDENTIFICATION  
-----

EMERGENCY OVERVIEW:

May be fatal if swallowed.  
Harmful if inhaled.  
Harmful if absorbed through skin.  
Causes eye irritation.  
Causes skin irritation.  
Vapors irritating to eyes and respiratory tract.  
Extremely flammable liquid and vapor.  
Vapors may cause flash fire or explosion.  
Extremely flammable aerosol.  
Contents under pressure.

EYE:

May cause eye irritation.

SKIN:

May cause skin irritation.

INHALATION:

Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation.  
Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death.  
Excessive inhalation of vapors can cause nasal and respiratory irritation.  
Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

INGESTION:

CHRONIC EFFECTS:

Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals:

Kidney damage

Eye damage

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Long term exposure to high levels of crystalline silica dust can cause lung damage(silicosis) and cancer.

-----  
SECTION 4 - FIRST AID MEASURES  
-----

EYE CONTACT:

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.



-----  
**HANDLING:**

Wash hands thoroughly after handling.

**STORAGE:**

Store in a cool dry area with ventilation suitable for storing materials shown in section 2.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

-----

**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

-----

**ENGINEERING CONTROLS:**

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

**RESPIRATORY PROTECTION:**

If workplace exposure limits are exceeded for any component(see section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

**SKIN PROTECTION:**

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

**EYE PROTECTION:**

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

**OTHER PROTECTIVE EQUIPMENT:**

Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

**HYGIENIC PRACTICES:**

Wash hands before eating or smoking. Smoke in designated areas only.

-----

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

-----

Vapor Pressure . . . . .	:	5585.20	mm Hg @ 20 C
Vapor Density . . . . .	:	-N/A	
Boiling Range . . . . .	:	Lower - 1.0	°F
		Higher - 999.0	°F
Specific Gravity . . . . .	:	.788	
Formula Weight per Volume . . . . .	:	6.5563	LB/GL
VOC (Calculated, LB/GAL) . . . . .	:	3.256	
VOC (Calculated, GM/L) . . . . .	:	390.16	
Percent Volatile by Weight. . . . .	:	69.2000	
Percent Volatile by Volume . . . . .	:	80.4160	
Evaporation Rate . . . . .	:	7.700	(n-Butyl Acetate = 1)
Viscosity . . . . .	:	-N/A	

-----

**SECTION 10 - STABILITY AND REACTIVITY**

-----  
CONDITIONS TO AVOID:

Avoid contact with heat, sparks, and open flame.

Product may explode if heated. Keep cool, avoid exposure to heat.

INCOMPATIBILITIES:

Strong oxidizing agents.

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

POLYMERIZATION:

No hazardous polymerization will occur under normal conditions.

STABILITY:

The product is stable under normal storage conditions.

-----

SECTION 11 - TOXICOLOGICAL INFORMATION

-----

No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

-----

SECTION 12 - ECOLOGICAL INFORMATION

-----

No specific ecological information is available for this product.

-----

SECTION 13 - DISPOSAL CONSIDERATIONS

-----

WASTE DISPOSAL:

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

-----

SECTION 14 - TRANSPORT INFORMATION

-----

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II

(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL

(Regulatory sources: ATAI Quantity Exemptions - Table 2.8.4, 2.7.A, 2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL

(Regulatory sources: ATAI Quantity Exemptions - Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

-----

SECTION 15 - REGULATORY INFORMATION

---

SARA 313 INFORMATION:

This product contains NONE of the 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.

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW

The following non-hazardous ingredients are among the top five components in this product

----- CHEMICAL NAME ----- CAS NUMBER

---

PENNSYLVANIA RIGHT-TO-KNOW

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

----- CHEMICAL NAME ----- CAS NUMBER

---

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

---

SECTION 16 - OTHER INFORMATION

---

The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 2\*    FLAMMABILITY: 4    REACTIVITY: 0    PERSONAL PROTECTION: G