



The Precision Color Company

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 07524 044782 604
PRODUCT NAME . . . : SMOOTH RED 0
PRODUCT CLASS . . . : Aerosol Touch-Up

MSDS PREPARATION DATE : 04-15-99

MANUFACTURER IDENTIFICATION:

RAABE CORPORATION
PO BOX 1090

CUSTOMER IDENTIFICATION:

Kennedy Manufacturing
740 Fox Road

MENOMONEE FALLS WI 53052 Van Wert, OH 45891

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 : 414-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 ETHYL BENZENE

CAS# 100-41-4

ETHYL BENZENE

PCT BY WT: 2.0000 LEL 1.20

EXPOSURE LIMIT:

ACGIH TLV-TWA 100 ppm
ACGIH TLV-STEL 125 ppm

2 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.

3 PROPANE

CAS# 74-98-6

PROPANE

PCT BY WT: 18.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20

EXPOSURE LIMIT:

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

4 TITANIUM DIOXIDE

CAS# 13463-67-7

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TITANIUM DIOXIDE
PCT BY WT: 1.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA
ACGIH TLV-STEL
OSHA PEL-TWA
COMPANY

10 mg/m3
NO INFO
10 mg/m3
N.E.

5 XYLENE
CAS# 1330-20-7
XYLENE
PCT BY WT: 10.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA
ACGIH TLV-STEL
OSHA PEL-TWA
COMPANY

LEL 1.00

100 ppm
150 ppm
100 ppm
N.E.

6 YELLOW IRON OXIDE PIGMENT
CAS# 51274-00-1
YELLOW IRON OXIDE PIGMENT
PCT BY WT: 1.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA
ACGIH TLV-STEL

LEL 100.00

** NOT
HAZARDOUS **

7 ACETONE
CAS# 67-64-1
ACETONE
PCT BY WT: 37.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA
ACGIH TLV-STEL
OSHA PEL-TWA
OSHA PEL-STEL
COMPANY

VAPOR PRESSURE: 185.000 MMHG @ 68F LEL 2.60

750 ppm
1000 ppm
750 ppm
1000 ppm
N.E.

8
CAS# 108-65-6
PROPYLENE GLYCOL METHYL ETHER ACETATE
PCT BY WT: 7.0000
EXPOSURE LIMIT:
ACGIH TLV-TWA
ACGIH TLV-STEL

VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30

NOT ESTABLISHED
NOT ESTABLISHED

This product contains no reported carcinogens or suspected
carcinogens.

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SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if swallowed.
Harmful if inhaled.
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.

POTENTIAL HEALTH EFFECTS:

EYE:

May cause severe 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.
Liquid or vapor may be irritating to skin, eyes, throat or lungs.
Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

INGESTION:

Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis.
Aspiration of material into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.

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
- Liver damage
- Anemia

Chronic overexposure to a component or components in this product has been suggested as a cause of the following effects in humans:

- Cardiac abnormalities

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
Rats exposed to titanium dioxide dust at 250 mg/m³ developed lung cancer, however, such exposure levels are not attainable in the workplace with this material.

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SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

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

Flush with large quantities of water for 15 minutes.

SKIN CONTACT:

Wash thoroughly with soap and water and seek medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION:

For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

INGESTION:

Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

NOTE TO PHYSICIAN:

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT:

Flashpoint	: Less Than -25 °F
Explosion Level	: Low - 1.00
	High - 13.10
Flammability Limits	: Lower - -N/A
	Higher - -N/A

EXTINGUISHING MEDIA:

Use Dry Chemical, Carbon Dioxide or Chemical Foam.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Keep containers tightly closed. Isolate from heat, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Contents under pressure. Do not use or store near sources of heat, sparks or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store above 120 degrees F. Aerosol containers may explode when exposed to extreme heat.

Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used.

Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

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Formula Weight per Volume	:	6.37970	LB/GL
VOC (Calculated, LB/GAL)	:	3.5000	
VOC (Calculated, GM/L)	:	419.40	
VOC Percent by Weight	:	38.991	
Evaporation Rate	:	7.7000	(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 3 for available information on potential health effects.

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

Domestic ground shipment of Paint Aerosols and all liquid paint products in Containers of 1 Quart or less: CONSUMER COMMODITY, ORM-D

Domestic air shipment of Paint Aerosols and all liquid paint in containers of 1 quart or less: CONSUMER COMMODITY, CLASS 9, ID 8000, MISCELLANEOUS LABEL

International Air Shipments of Paint Aerosols: AEROSOLS, FLAMMABLE, N.O.S. CLASS 2.1, UN 1950, FLAMMABLE GAS LABEL

International Air Shipment of liquid paint in containers of 1 quart or

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less: PAINT, CLASS 3, UN 1263, FLAMMABLE LIQUID LABEL

All shipments of Liquid Paint in containers of more than 1 quart:
PAINT, CLASS 3, UN 1263, PACKING GROUP II, FLAMMABLE LIQUID LABEL

See 49 CFR 172.101, Hazardous Materials Table 1 for more information on shipping hazardous materials on land.

See IATA Dangerous Goods Regulations for more details on shipping hazardous materials by air.

SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION:

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:

ETHYL BENZENE

CAS# 100-41-4 PCT BY WT: 2.0800

XYLENE

CAS# 1330-20-7 PCT BY WT: 9.8780

FEDERAL REGULATIONS:

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

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

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

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:

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