

Touch Up Paint MSDS.txt

Issued to : Lee/Rowan Company
1901 Lee Avenue

Jackson, MO 63755

Attention: : Material Safety Data Sheet Coordinator

The attached Material Safety Data Sheet relates potential hazards and recommended practices for safe handling of the product that you purchased from Raabe Corporation.

We urge you and your employees to review the entire MSDS prior to handling, use or disposal of the product.

You are required to keep this MSDS on file for reference by company employees or government regulatory officials.

If you resell or distribute this product, you must furnish a copy of the MSDS to your customer.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 02870 042052 .6B
PRODUCT NAME . . . : 11600/502W WHITE
PRODUCT CLASS . . . : Touch-Up Bottle

MSDS PREPARATION DATE : 05/13/2003

MANUFACTURER IDENTIFICATION:

RAABE CORPORATION
PO BOX 1090

CUSTOMER IDENTIFICATION:

Lee/Rowan Company
1901 Lee Avenue

MENOMONEE FALLS WI 53052 Jackson, MO 63755

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 ETHYLBENZENE

CAS# 100-41-4

ETHYLBENZENE

PCT BY WT: .5520 VAPOR PRESSURE: 19.000 MMHG @ 68F LEL 1.20

EXPOSURE LIMIT:

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

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IARC (2B)

OTHER

2 TITANIUM DIOXIDE
CAS# 13463-67-7

TITANIUM DIOXIDE

PCT BY WT: 15.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 10 mg/m3

COMPANY N.E.

3 XYLENE

CAS# 1330-20-7

XYLENE

PCT BY WT: 3.0000 VAPOR PRESSURE: 6.600 MMHG @ 68F LEL 1.00

EXPOSURE LIMIT:

ACGIH TLV-TWA 100 ppm

ACGIH TLV-STEL 150 ppm

OSHA PEL-TWA 100 ppm

OSHA PEL-STEL 150 ppm

COMPANY N.E.

4 2-BUTOXYETHANOL

CAS# 111-76-2

2-BUTOXYETHANOL

PCT BY WT: 1.0000 VAPOR PRESSURE: .880 MMHG @ 68F LEL 1.10

EXPOSURE LIMIT:

ACGIH TLV-TWA 25 ppm

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 25 ppm

COMPANY N.E.

5 METHYL ETHYL KETONE

CAS# 78-93-3

METHYL ETHYL KETONE

PCT BY WT: 17.0000 VAPOR PRESSURE: 85.000 MMHG @ 68F LEL 1.80

EXPOSURE LIMIT:

ACGIH TLV-TWA 200 ppm

ACGIH TLV-STEL 300 ppm

OSHA PEL-TWA 200 ppm

COMPANY N.E.

6 GLYCOL ETHER PM ACETATE

CAS# 108-65-6

PROPYLENE GLYCOL METHYL ETHER ACETATE

PCT BY WT: 15.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30

EXPOSURE LIMIT:

ACGIH TLV-TWA NOT ESTABLISHED

ACGIH TLV-STEL NOT ESTABLISHED

7 TOLUENE

CAS# 108-88-3

TOLUENE

PCT BY WT: 22.0000 VAPOR PRESSURE: 38.000 MMHG @ 68F LEL 1.40

EXPOSURE LIMIT:

ACGIH TLV-TWA 50 ppm

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 50 ppm

COMPANY N.E.

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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.

This substance is classified as a hazardous air pollutant.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if inhaled.
Causes eye irritation.
Causes skin irritation.
Vapors irritating to eyes and respiratory tract.
Flammable liquid and vapor.

POTENTIAL HEALTH EFFECTS:

EYE:

May cause severe corneal injury if liquid comes in contact with the eyes.

SKIN:

May cause skin irritation.
Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
Product contains a component which can be absorbed through the skin.
Excessive exposure may cause hemolysis (red blood cell damage) which can impair the blood's ability to transport oxygen.
Material may aggravate an existing dermatitis.

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
- Blood damage
- Lung damage
- Liver damage
- Spleen damage
- Anemia
- Brain damage
- Reproductive system damage

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

- Liver damage
- Cardiac abnormalities

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

Repeated breathing or skin contact of methyl ethyl ketone may increase the potency of neurotoxins such as hexane if exposures occur at the same time.

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.

2-Butoxyethanol causes harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

Product contains toluene which may be harmful to the fetus based on animal studies.

Repeated exposure to toluene has been associated with high frequency hearing loss in laboratory animals. The human consequences of this finding is uncertain.

In February 2000 the International Agency for Research on Cancer (IARC) classified ethylbenzene as possibly carcinogenic to humans (Group 2B) on the basis of sufficient evidence for carcinogenicity in experimental animals but inadequate evidence for cancer in humans.

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	: 25.0	øF
Explosion Level	: Low	- 1.0
		High - 13.1
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. 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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP AND CONTAINMENT:

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire.

Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

Use water spray to disperse vapors. Minimize breathing gases, vapor, fumes or decomposition products. Use self-contained breathing apparatus with full face piece operated in positive pressure mode as needed.

SECTION 7 - HANDLING AND STORAGE

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	:	85.00	mm Hg @ 20 C
Vapor Density	:	3.70	
Boiling Range	:	Lower - 175.0	øF
	:	Higher - 340.0	øF
Specific Gravity	:	1.069	
Formula Weight per Volume	:	8.8959	LB/GL
VOC (Calculated, LB/GAL)	:	5.305	
VOC (Calculated, GM/L)	:	635.69	
Percent Volatile by Weight	:	59.0904	
Percent Volatile by Volume	:	72.3514	
Evaporation Rate	:	4.600	(n-Butyl Acetate = 1)
Viscosity	:	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

Avoid contact with heat, sparks, and open flame.

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

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 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:

ETHYLBENZENE

CAS#	100-41-4	PCT BY WT:	.5520
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XYLENE

CAS#	1330-20-7	PCT BY WT:	2.5290
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METHYL ETHYL KETONE

CAS#	78-93-3	PCT BY WT:	17.2320
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TOLUENE

CAS#	108-88-3	PCT BY WT:	22.3800
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FEDERAL REGULATIONS:

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

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's

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proposition 65 list. If the product is to be sold or used in California the following warning statement must appear on the label:

Warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW

No non-hazardous ingredients are among the top five ingredients

PENNSYLVANIA RIGHT-TO-KNOW

No non-hazardous ingredients are present greater than 3%

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: 3 REACTIVITY: 0 PERSONAL PROTECTION: G