



WHIRLPOOL PART #
72030

P.O. Box 1090 • Menomonee Falls, WI 53052-1090
N92 W14701 Anthony Ave. • Menomonee Falls, WI 53051-1630
800-966-7580 • 414-255-9500 • Fax 414-255-0684

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : 20555 037288 .6B
PRODUCT NAME . . . : 72017 WHITE
PRODUCT CLASS . . . : Touch-Up Bottle

MSDS PREPARATION DATE : 08-13-98

MANUFACTURER IDENTIFICATION:

RAABE CORPORATION
PO BOX 1090

MENOMONEE FALLS WI 53052

CUSTOMER IDENTIFICATION:

Whirlpool Corporation
P.D.C. Vnd #018130-1
1900 Whirlpool Drive
La Porte, IN 46350

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 2-BUTOXYETHANOL

CAS# 111-76-2

2-BUTOXYETHANOL

PCT BY WT: 2.0000 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.

2 METHYL ETHYL KETONE

CAS# 78-93-3

METHYL ETHYL KETONE

PCT BY WT: 16.0000 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.

3

CAS# 108-65-6

PROPYLENE GLYCOL METHYL ETHER ACETATE

PCT BY WT: 12.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30

EXPOSURE LIMIT:

ACGIH TLV-TWA NOT ESTABLISHED
ACGIH TLV-STEL NOT ESTABLISHED

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4 TOLUENE
CAS# 108-88-3
TOLUENE
PCT BY WT: 24.0000 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.

This product contains no reported carcinogens or suspected
carcinogens.

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.
Repeated and prolonged contact with the skin may cause allergic dermatitis.
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.
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.

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
Blood damage

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

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

Liver damage

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.

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.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

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

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	: 56.00 °F
Explosion Level	: Low - 1.10
	: High - 13.10
Flammability Limits	: Lower - -N/A
	: Higher - -N/A

EXTINGUISHING MEDIA:

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Use Dry Chemical, Carbon Dioxide or Chemical Foam.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

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 absorbant 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.

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HYGIENIC PRACTICES:

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure : 85.000 mm Hg @ 20 C
Vapor Density : -N/A
Boiling Range : Lower - 175.00 °F
Higher - 340.00 °F
Specific Gravity : 1.0500
Formula Weight per Volume : 8.74130 LB/GL
VOC (Calculated, LB/GAL) : .0000
VOC (Calculated, GM/L) : .00
VOC Percent by Weight : 19.724
Evaporation Rate : 4.6000 (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

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

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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 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:

METHYL ETHYL KETONE

CAS# 78-93-3 PCT BY WT: 15.7790

TOLUENE

CAS# 108-88-3 PCT BY WT: 23.6690

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 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.

INTERNATIONAL REGULATIONS:

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

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SECTION 16 - OTHER INFORMATION

HMIS RATINGS:

HEALTH: 2* FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: G