

RAABE CORPORATION -- 0200002246 GREEN, 59235 037522 413 -- 8010-00N092834

===== Product Identification =====

Product ID:0200002246 GREEN, 59235 037522 413
MSDS Date:09/22/1999
FSC:8010
NIIN:00N092834
Status Code:A
MSDS Number: CJVQZ
=== Responsible Party ===
Company Name:RAABE CORPORATION
Box:1090
City:MENOMONEE FALLS
State:WI
ZIP:53052
Country:US
Info Phone Num:414-255-9500
Emergency Phone Num:800-424-9300
Chemtrec Ind/Phone:(800)424-9300
CAGE:0A3L4
=== Contractor Identification ===
Company Name:LITTLE TIKES COMMERCIAL PLAY SYSTEMS INC
Box:897
City:FARMINGTON
State:MO
ZIP:63640-0897
Country:US
CAGE:TO407
Company Name:RAABE CORPORATION THE PRECISION COLOR COMPANY
Address:N92 W14701 ANTHONY AVE.
Box:1090
City:MENOMONEE FALLS
State:WI
ZIP:53051-1630
Country:US
Phone:414-255-9500/800-966-7580
CAGE:0A3L4

===== Composition/Information on Ingredients =====

Ingred Name:ETHYL BENZENE. LEL: 1.2%.
CAS:100-41-4
RTECS #:DA0700000
= Wt:3.
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTANE. VP: 879.1 MMHG @ 68F. LEL: 1.8%.
CAS:106-97-8
RTECS #:EJ4200000
= Wt:6.
OSHA PEL:800 PPM

ACGIH TLV:1900 MG/M3;800 PPM

Ingred Name:ORGANIC & INORGANIC PIGMENTS
= Wt:2.

Ingred Name:PROPANE. VP: 5585.2 MMHG @ 68F. LEL: 2.2%.
CAS:74-98-6
RTECS #:TX2275000
= Wt:18.
OSHA PEL:1800 MG/M3;1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:XYLENE. LEL: 1%.
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:11.
OSHA PEL:100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE. VP: 185 MMHG @ 68F. LEL: 2.6%.
CAS:67-64-1
RTECS #:AL3150000
= Wt:37.
Other REC Limits:OSHA PEL:750 PPM (M)
OSHA PEL:2400 MG/M3;1000 PPM
OSHA STEL:1000 PPM
ACGIH TLV:1780 MG/M3;750 PPM
ACGIH STEL:2380 MG/M3;1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1-METHOXY-2-ACETOXYPROPANE; (PROPYLENE GLYCOL METHYL ETHER
ACETATE). VP: 3.7 MMHG @ 68F. LEL: 1.3%.
CAS:108-65-6
RTECS #:AI8925000
= Wt:7.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE: MAY CAUSE SEVERE
IRRITATION. SKIN: MAY CAUSE 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 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 LUNGS (EFFECTS OF OVEREXPOSURE)
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS NO REPORTED
CARCINOGENS OR SUSPECTED CARCINOGENS.

Effects of Overexposure:HLTH HAZ: IF SWALLOWED OR IF VOMITING OCCURS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CHRONIC: OVEREXPOSURE TO COMPONENT(S) IN THIS MATERIAL HAS BEEN FOUND TO CAUSE FOLLOWING EFFECTS IN LAB ANIMALS: KIDNEY DAMAGE, EYE DAMAGE, LIVER DAMAGE, ANEMIA. OVEREXPOSURE TO COMPONENT(S) IN THIS PRODUCT HAS BEEN SUGGESTED AS A CAUSE OF FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITIES. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS. FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH THOROUGHLY WITH SOAP AND WATER AND SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: 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 LUNGS, THE DECISION WHETHER TO INDUCE VOMITING OR NOT MUST BE MADE BY MD AFTER CAREFUL CONSIDERATION OF ALL MATERIALS INGESTED.

===== Fire Fighting Measures =====

Flash Point:<-31.5C, -25.F

Lower Limits:1.0% & INGS

Upper Limits:13.1%

Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE OR CHEMICAL FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . 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.

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, SPKS & OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. CONTENTS UNDER PRESS. DO NOT USE/STORE NEAR SOURCES OF HEAT, SPKS/OPEN FLAME. KEEP A WAY FROM ANY SOURCE OF HEAT SUCH AS SUNLIGHT, HEATERS/STOVES THAT COULD CAUSE CNTNR TO BURST. DO NOT PUNCTURE/(SUPDAT)

===== Accidental Release Measures =====

Spill Release Procedures: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.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS SHOWN IN INGREDIENTS SECTION. 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 120F.

Other Precautions:HARMFUL IF SWALLOWED. HARMFUL IF INHALED. EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE OR

EXPLOSION. EXTREMELY FLAMMABLE AEROSOL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED FOR ANY COMPONENT (SEE INGREDIENTS SECTION FOR HAZARDOUS COMPONENTS AND EXPOSURE LIMITS), A NIOSH APPROVED RESPIRATOR SUITABLE FOR COMPONENTS LISTED IS RECOMMENDED.

Ventilation:SUFFICIENT VENT, IN VOLUME & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOS LIMIT OR ACGIH'S TLV LIMIT.

Protective Gloves:CHEMICAL RESISTANT PLASTIC OR RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES & FULL LENGTH FACESHIELD .

Other Protective Equipment:EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . APPROPRIATE IMPERVIOUS CLOTHING IS RECOMMENDED IF PROLONGED OR REPEATED CONTACT IS LIKELY.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

EXPLO HAZ: INCINERATE. DO NOT CRUSH OR PLACE IN GARBAGE COMPACTOR. DO NOT STORE >120F. 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. HMIS RATING: HEALTH - 2; FLAMMABILITY 4; REACTIVITY - 0.

===== Physical/Chemical Properties =====

Boiling Pt:>-17.2C, 1.F

B.P. Text:1F TO 302F

Vapor Pres:5585.2 MM HG @ 20C & INGS

Volatile Org Content %:82

Spec Gravity:0.763

Evaporation Rate & Reference:7.7 (N-BUTYL ACETATE=1)

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS. AVOID CONTACT W/HEAT, SPARKS & OPEN FLAME. PRODUCT MAY EXPLODE IF HEATED. KEEP COOL, AVOID EXPOSURE TO HEAT.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, AND UNIDENTIFIABLE ORGANIC MATERIALS.

===== Toxicological Information =====

Toxicological Information:NO SPECIFIC INFORMATION IS AVAILABLE. PLEASE REFER TO HAZARDS IDENTIFICATION SECTION FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH EFFECTS.

===== Ecological Information =====

Ecological:NO SPECIFIC ECOLOGICAL INFORMATION IS AVAILABLE FOR THIS PRODUCT.

===== Disposal Considerations =====

Waste Disposal Methods:PLACE IN CLOSED CONTAINERS. DISPOSE OF PRODUCT
I/A/W LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOMESTIC GROUND SHIPMENT OF PAINT AEROSOLS & ALL
LIQ PAINT PRODS IN CNTNRS OF 1 QT/LESS:CONSUMER COMMODITY, ORM-D.
DOMESTIC AIR SHIPMENT OF PAINT AEROSOLS & ALL LIQ PAINT IN CNTNRS
OF 1 QT/LESS:CONSUM ER COMMODITY, CLASS I, ID 8000, MISC LBL.
INTERNATIONAL AIR SHIPMENTS OF PAINT AEROSOLS:AEROSOLS, FLAMM,
N.O.S., CLASS 2.1, UN 1950, FLAMM GAS LBL. INTERNATIONAL AIR
SHIPMENT OF LIQ PAINT IN CNTNRS OF1 QT/LESS:PAINT, CLASS 3, UN
1263, FLAMM LIQ LBL. ALL SHIPMENTS OF LIQ PAINT IN CNTNRS OF >1
QUART: PAINT, CLASS 3, UN 1263, PACKING GRP II, FLAMM LIQ LBL. SEE
49 CFR 172.101, HAZ MATLS TABLE 1 FOR M ORE INFO ON SHIPPING HAZ
(OTHER INFO)

===== Regulatory Information =====

SARA Title III 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 4 0 CFR PART 372: ETHYL BENZENE -
CAS # 100-414-4 - 2.62% BY WT; XYLENE - CAS # 1330-20-7 - 11.401%
BY WT.

Federal Regulatory Information:TOXIC SUBSTANCES CONTROL ACT: THE
CHEMICAL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE TSCA SECTION
8 INVENTORY. INTERNATIONAL REGULATIONS: CANADA: THE CHEMICAL
SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC
SUBSTANCES LIST.

State Regulatory Information: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%.

===== Other Information =====

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