SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT IDENTIFICATION: 2412BA
PRODUCT CLASS: LACQUER
TRADE NAME: F-604 AURORA PEBBLE TAN AEROSOL
PRODUCT USE: FORMULA IDENTIFICATION: 2412BA
FORMULA VERSION NUMBER: 1

PREPARED BY: CURT M. WILD
DATE OF ISSUE: 01/09/2004
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MSDS PREPARED FOR: BORROUGHS, INC.
3002 N. BURDICK

CONTACT INDIVIDUAL: GREG GILL

MSDS LAST PREPARED:

MANUFACTURER IDENTIFICATION:

NAME: IVC INDUSTRIAL COATINGS, INC.
ADDRESS: 2245 VALLEY AVE.

INDIANAPOLIS IN 46218

TELEPHONE: 317-636-4407
EMERGENCY CONTACT: CHEM-TEL
EMERGENCY TELEPHONE: 1-800-295-3924

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1
CAS# 1330-20-7
XYLENE

VAPOR PRESSURE: 5.100 MMHG @ 68F LEL 1.00

EXPOSURE LIMIT:

ACGIH TLV/TWA: 100
ACGIH TLV/STEL: 150
OSHA PEL/TWA: 100
OSHA STEL: 150
SARA STATUS: THIS MATERIAL IS A SARA 313 REPORTABLE
HAP STATUS: THIS MATERIAL IS ON THE HAPS AND VHAPS LISTS

2
CAS# 123-86-4
**24128A**
**F-604 AURORA PEBBLE TAN AEROSOL**

**BUTYL ACETATE**

**EXPOSURE LIMIT:**
- ACGIH TLV/TWA: 150
- ACGIH TLV/STEL: 200
- OSHA PEL/TWA: 150
- OSHA STEL: 200

**VAPOR PRESSURE:** 10,000 MMHG @ 68F LEL 1.40

**CAS# 76-69-9**
**ETHYL 3-ETHOXYPROPIONATE**

**EXPOSURE LIMIT:**
- ACGIH TLV/TWA: NOT ESTABLISHED
- ACGIH TLV/STEL: NOT ESTABLISHED
- OSHA PEL/TWA: >5 G/KG (ORAL MALE RAT)
- OSHA STEL: >5 G/KG (ORAL FEMALE RAT)

**VAPOR PRESSURE:** .670 MMHG @ 68F LEL 1.10

**LD50:** >50 G/KG (RAT)
**LC50:** >5000 PPM/4H (RAT)
**LD50:** >5 G/KG (RABBIT)
**LC50:** >50 G/KG (RABBIT)

**SARA STATUS:** THIS MATERIAL IS A SARA 313 REPORTABLE
**HAP STATUS:** THIS MATERIAL IS ON THE HAPS AND VHAPS LISTS

**CAS# 108-88-3**
**TOLUENE**

**EXPOSURE LIMIT:**
- ACGIH TLV/TWA: 100
- ACGIH TLV/STEL: 150
- ACGIH CEILING: 300
- OSHA PEL/TWA: 200
- OSHA STEL: 150
- OSHA CEILING: 300
- LC50: 8000 PPM/4H (RAT)
- LD50: 5.0 G/KG (RAT) 14 G/KG (RABBIT)

**SARA STATUS:** THIS MATERIAL IS A SARA 313 REPORTABLE
**HAP STATUS:** THIS MATERIAL IS ON THE HAPS AND VHAPS LISTS

**CAS# 67-64-1**
**ACETONE**

**EXPOSURE LIMIT:**
- ACGIH TLV/TWA: 750
- ACGIH TLV/STEL: 1000
- OSHA PEL/TWA: 1000
- OSHA STEL: 1000

**VAPOR PRESSURE:** 186.000 MMHG @ 68F LEL 2.80

**CAS# 74-98-6**
**PROPANE**

**EXPOSURE LIMIT:**
- LEL 2.10
IVC INDUSTRIAL COATINGS, INC.
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24128A
F-604 AURORA PEBBLE TAN AEROSOL

OSHA PEL/TWA: 1000 PPM

This product contains no reported carcinogens or suspected carcinogens.

SECTION 3 - HAZARDS IDENTIFICATION

HMIS Information
Health - 2 Flammability - 4
Reactivity - 0 Personal Protective Equipment - X

HAZARD INDEX: 4= Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Minimal
* = Chronic health Hazard

HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Flush with luke warm water for 15 minutes. Seek Medical attention.

SKIN CONTACT: Flush with copious amounts of luke warm water. Remove contaminated clothing promptly. Seek medical attention.

INHALATION: Remove exposed individual to fresh air. Restore breathing if required. Seek medical attention.

INGESTION: Rinse mouth immediately. Give exposed individual 6 to 8 ounces of liquid.
( NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON )
Do NOT induce vomiting unless advised by a physician. Seek medical attention immediately.

Remove contaminated clothing immediately and do not wear it until it has been properly laundered.

MEDICAL EXAMINATIONS:
Comprehensive preplacement and biennial medical examinations to be directed toward, but not limited to the liver, kidney, gastrointestinal disorders, skin irritation, and the central nervous system, may be considered.
SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:
Special Fire Fighting Procedures: Self Contained Breathing Apparatus and protective clothing should be worn in fighting fires involving chemicals.

- Flammability Classification:
  Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide and/or sulfur oxides.
- Flashpoint (F): 4.0
- Explosion Level:
  - Low: 1.0
  - High: 13.2
- Flammability Limits:
  - Lower: -N/A
  - Higher: -N/A
- Auto-Ignition Temperature: -N/A

EXTINGUISHING MEDIA:

- FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:
  Water spray may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. Water may be ineffective in extinguishing a paint fire, therefore, use caution not to spread flames with stream of water.
  If water is used, fog nozzles are preferable.
  Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

OTHER:
- Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flames.
  Closed containers may explode (due to the build up of pressure) when exposed to extreme heat. Isolate from heat, electrical equipment, sparks, and open flame. Application to hot surfaces requires special precautions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP:
Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use
non-sparking tools for cleanup. Cover with inert material to reduce fume.
Keep out of drains, sewer, or waterways. If large spill call spill response teams. Contact fire authorities. Notify local health and pollution agencies.

Do NOT flush to sewer, watershed, or waterway.

CONTAINMENT:

HANDLING:

SECTION 7 - HANDLING AND STORAGE

Use in accordance with good industrial workplace practices; avoid unnecessary contact; wash thoroughly after handling; store in a dry area away from excessive heat.

HANDLING:

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat form sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Sprinkler fire protection is desirable in areas of storage, handling, and use.

SPECIAL COMMENTS:

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION: Local exhaust to keep airborne levels below TLV.

PROTECTIVE GLOVES: Wear cotton gloves only

RESPIRATORY PROTECTION: NIOSH approved respirator as necessary.

EYE PROTECTION: Safety goggles if necessary to prevent product contact.

OTHER PROTECTIVE EQUIPMENT: Eye wash stations and emergency showers should be available.

EYE PROTECTION:
Avoid contact with eyes. Wear goggles if there is a likelihood of contact with the eyes.
Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Eyewash stations and safety showers should be readily available in use and handling area.

RESPIRATORY PROTECTION:
Use ventilation as required to control vapor, dust, and fumes. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use a NIOSH approved respirator to prevent overexposure.

SKIN PROTECTION:
Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N, or nitrile. An apron should be worn to avoid skin contact.

Wash hands thoroughly before eating and using washroom.

SPECIAL COMMENTS:
Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Appearance</th>
<th>OPAQU LIGHT BROWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>MODERATE KETONE</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>Physical State</td>
<td>AEROSOL</td>
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<tr>
<td>pH</td>
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<tr>
<td>Vapor Pressure</td>
<td>186.00</td>
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<tr>
<td>Vapor Density</td>
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<tr>
<td>Boiling Range</td>
<td>Lower - 44.0</td>
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<td></td>
<td>Higher - 329.0</td>
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<td>Freezing Point</td>
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<tr>
<td>Melting Point</td>
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<tr>
<td>Water Solubility</td>
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<tr>
<td>VOC (lps/gal)</td>
<td>5.882</td>
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</tbody>
</table>
IVC INDUSTRIAL COATINGS, INC.
MATERIAL SAFETY DATA SHEET

24123A
F-604 AURORA PEBBLE TAN AEROSCL

**VOC (lbs/gal) Actual as Supplied**: 2.638
**VOC (g/L)**: 704.84
**Evaporation Rate**: 6.000 (n-Butyl Acetate = 1)
**Volatile by Weight**: 90.5481
**Volatile by Volume**: 95.5646
**Weight per Gallon**: 6.9336 LB/GL
**Coeff of Water-Oil Distribution**: -N/A
**Mechanical Impact Explosion**: -N/A
**Static Electricity Explosion**: -N/A

SECTION 10 - STABILITY AND REACTIVITY

Hazardous polymerization will not occur.

**INCOMPATIBILITIES**: This raw material is incompatible with strong oxidizing agents, strong mineral acids, alkali metals, and halogens.

**STABILITY/DECOMPOSITION**: Stable; hazardous decomposition not expected; thermal decomposition may produce toxic oxides of carbon and/or nitrogen.

**CONDITIONS TO AVOID**: Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks and open flame.

**POLYMERIZATION**: 

SECTION 11 - TOXICOLOGICAL INFORMATION

**EYE EFFECTS**: This product is severely irritating to eyes. Exposure may cause extensive corneal injury.

**SKIN EFFECTS**: This product may cause skin irritation and drying/defatting or cracking, and dermatitis on repeated or prolonged exposure to skin.

**ORAL EFFECTS**: Ingestion of this product will cause irritation of the gastrointestinal and may cause effect resembling those from inhalation of vapor.
INHALATION EFFECTS:
headaches, nausea, dizziness, and vomiting may occur from inhalation
This product is irritating to the upper respiratory tract.

OTHER:
Vapors of this product may cause irritation of the eyes, nose, throat, upper respiratory tract, mucous membranes, and skin.
This product is irritating to the mucous membranes.
Pulmonary edema may develop with inhalation of high concentrations of this material.
Chronic overexposure to this product may cause kidney and liver injury.
Prolonged exposure could cause CNS depression.
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION/ENVIRONMENTAL FATE:
No definitive information available on environmental impact if product is released to the environment.
Dispose of product in accordance with applicable local, county, state, and federal regulations.

SECTION 13 - DISPOSAL CONSIDERATIONS

Do not incinerate. Depressurize container.

SECTION 14 - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.
## IVC INDUSTRIAL COATINGS, INC.
**MATERIAL SAFETY DATA SHEET**

### 24126A
**F-634 AURORA PEBBLE TAN AEROSOL**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS#</th>
<th>PCT by WT</th>
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<tr>
<td>COLOROBENZENE</td>
<td>108-90-7</td>
<td>0.0180</td>
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<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>2.3570</td>
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<tr>
<td>ETHYL 3-ETHOXYPROPIONATE</td>
<td>763-69-9</td>
<td>7.5000</td>
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<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>3.4770</td>
<td></td>
</tr>
</tbody>
</table>

### FEDERAL REGULATIONS:

The OSHA Hazard Communication Standard 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Instruct your workers to handle this product properly.

**TSCA (Toxic Substance Control Act):** All components of this product are listed on the TSCA Inventory.

**CA PROPOSITION 65:**

**WARNING:** This product contains a material known in the state of California to cause cancer.

### SECTION 15 - OTHER INFORMATION

The information contained herein is information received from our raw material suppliers and other sources and is believed to be reliable. This data is not to be taken as a warranty or representation for which I.V.C. INDUSTRIAL COATINGS, INC. assumes no legal responsibility.