DAVIES IMPERIAL COATINGS, INC.

11087BL

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 11087BL
PRODUCT NAME: BLUE ACRYLIC TRAFFIC MARKING PAINT
PRODUCT USE: Liquid Paint
MANUFACTURER: Davies Imperial Coatings, Inc.
1275 State Street
Hammond, IN, 46320
219-933-0877

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US): 1 (800) 424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid and vapor.

CLASSIFICATION:
Flammable liquids - Category 2
Eye irritation - Category 2A
Specific target organ toxicity - single exposure - Category 3
Acute toxicity, Inhalation - Category 4
Acute toxicity, Dermal - Category 4
Skin irritation - Category 2
Aspiration hazard - Category 1
Reproductive toxicity - Category 2

PICTOGRAMS:

SIGNAL WORD: DANGER

HAZARD STATEMENTS:
H225 - Highly flammable liquid and vapor.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H350 - May cause cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical / ventilating / lighting / equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P281 - Use personal protective equipment as required.

POTENTIAL HEALTH EFFECTS:

EYES: Can cause severe eye irritation.
SKIN: May be harmful if absorbed through skin. Causes skin irritation.
INGESTION: Harmful if swallowed. Irritating to mouth, throat and stomach. Aspiration hazard - can enter lungs and cause damage
INHALATION: Harmful if inhaled. May cause drowsiness and dizziness. Vapors may cause respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT % (MAX)
ACETONE	67-64-1	21.79
XYLENE	1330-20-7	2.7

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. Seek medical attention if needed.

SKIN: Wash off with soap and water immediately. Remove all contaminated clothing. Seek medical attention if needed.

INGESTION: Do not induce vomiting. Call Poison Control Center immediately.

INHALATION: Move to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention if needed.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SYMPTOMS: Eye and skin irritation. Drowsiness and dizziness.

EFFECTS: Pain or irritation, coughing, nausea or vomiting, headache, unconsciousness.

NOTES TO PHYSICIAN: Treat symptomatically. If large quantities have been ingested or inhaled, contact poison control center immediately.

5. FIRE FIGHTING MEASURES

PERSONAL PRECAUTIONS: See Section 8

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical or foam

FIRE FIGHTING PROCEDURES: Isolate scene. Use appropriate extinguishing media. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.

UNUSUAL FIRE HAZARD: Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame or other ignition sources. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

SPILL: Evacuate all nonessential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate personal protective equipment. Dike around spilled material. Cover spill with inert absorbent material. Use nonsparking tools.

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel to safe areas. Beware of vapors, accumulating to form explosive concentrations.

METHOD OF CLEAN UP: Contain spillage. Absorb with inert dry material and place in appropriate waste disposal container. Dispose of in accordance with all local, State or Federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Do not store or use near sources of high temperature, near fire or open flame, or other ignition sources. All equipment should be grounded and bonded to reduce static electricity hazard. Use non sparking tools.

CONDITIONS FOR SAFE STORAGE: Keep container tightly closed in a dry, cool and well-ventilated area, away from sources of heat, fire or sparks. Do not store in unlabeled containers. Keep separate from oxidizing materials.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

CHEMICAL NAME	CAS NUMBER	OEL
ACETONE	67-64-1	OSHA PEL: 1000 ppm, ACGIH TWA: 500 ppm
XYLENE	1330-20-7	OSHA PEL AND ACGIH TLV: 100 FOR 8 HR TWA

NL = Not Listed

ENGINEERING CONTROLS: Use only with proper ventilation. Use explosion-proof ventilation equipment if necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or chemical splash goggles.

SKIN: Chemical resistant impervious gloves.

RESPIRATORY: In case of insufficient ventilation wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice(s). Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

OTHER PRECAUTIONS: Wear impervious clothing and appropriate footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR & PHYSICAL STATE: Blue liquid

ODOR: Characteristic of acetone

ODOR THRESHOLD: No information available

BOILING POINT: 133.0 deg F

MELTING POINT: No information available

FREEZING POINT: Not applicable

EVAPORATION RATE: No information available

FLAMMABILITY (solid,gas): Not applicable

VISCOSITY: 78-95 KU

pH: Not applicable

SPECIFIC GRAVITY: 1.5413

VAPOR DENSITY: Heavier than air

VAPOR PRESSURE: No information available

SOLUBILITY IN WATER: Not applicable

PARTITION COEFFICIENT: No information available

AUTO IGNITION TEMPERATURE: No information available

DECOMPOSITION TEMPERATURE: No information available

FLAMMABLILITY LIMITS: 1.0% TO 13.0%

FLASH POINT & METHOD: -4.00 deg F TCC

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POSSIBILITY OF REACTION: Under normal conditions of storage and use, hazardous reactions will not occur. Vapors may form an explosive mixture with air.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes in temperature and direct sunlight.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, heat and open flames.

DECOMPOSITION PRODUCTS: May form toxic materials, carbon dioxide, carbon monoxide, etc.

11. TOXICOLOGICAL INFORMATION

ACUTE SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYE: Causes serious eye irritation.

SKIN: Prolonged or repeated skin contact may cause irritation. Allergic reactions are possible.

INHILATION: Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION: Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

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

TOXICOLOGICAL INFORMATION

ACETONE(67-64-1)	
Acute oral toxicity	**LD50 (rat): 5,800 mg/kg**
Acute inhalation toxicity	**LC50 (rat): 76.0 mg/l Exposure time: 4 h**
Acute dermal toxicity	**LD50 : > 7,426 mg/kg**
XYLENE(1330-20-7)	
Acute oral toxicity	**LD50 (rat, male): 3,523 mg/kg.**
Acute inhalation toxicity	**LC50 (rat, male): 6700 ppm. Exposure time: 4 h**
Acute dermal toxicity	**LD50 (rabbit): 1,100 mg/kg.**

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Prevent entry into waterways, sewers or confined areas. Do not allow material or used container to contaminate ground water system.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, State and Federal regulations.

CONTAINER: Empty containers may contain product residue and should not be reused. Vapors from residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

14. TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: None known

UN NUMBER: UN1263

UN PROPER SHIPPING NAME: PAINT

DOT HAZARD CLASS: 3

PACKING GROUP: II

ERG #: #128

MARINE POLLUTANT: No

15. REGULATORY INFORMATION

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH: Yes

CHRONIC HELATH: Yes

FIRE: Yes

PRESSURE GENERATING: No

REACTIVE: No

SARA 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

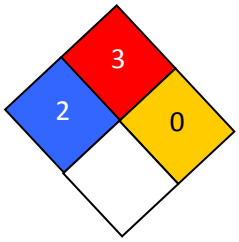
CHEMICAL NAME	CAS NUMBER
XYLENE	1330-20-7

16. OTHER INFORMATION

REVISION DATE: 06/01/2015

HMIS RATING	
Health :	2
Flammability :	3
Reactivity :	0
Personal Protection :	X

NFPA CODES



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