



## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT CODE:** 11087R  
**PRODUCT NAME:** RED 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

**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.

### PICTOGRAMS:



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>CHEMICAL NAME</u> | <u>CAS NUMBER</u> | <u>WEIGHT % (MAX)</u> |
|----------------------|-------------------|-----------------------|
| ACETONE              | 67-64-1           | 21.22                 |
| XYLENE               | 1330-20-7         | 2.53                  |
| DIMETHYL CARBONATE   | 616-38-6          | 1.64                  |

### 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

| <u>CHEMICAL NAME</u> | <u>CAS NUMBER</u> | <u>OEL</u>                               |
|----------------------|-------------------|--|
| 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

|   |  |
|---|--|
| <b>COLOR &amp; PHYSICAL STATE:</b> Red liquid     | <b>SPECIFIC GRAVITY:</b> 1.5087                            |
| <b>ODOR:</b> Characteristic of acetone            | <b>VAPOR DENSITY:</b> Heavier than air                     |
| <b>ODOR THRESHOLD:</b> No information available   | <b>VAPOR PRESSURE:</b> No information available            |
| <b>BOILING POINT:</b> 133.0 deg F                 | <b>SOLUBILITY IN WATER:</b> Not applicable                 |
| <b>MELTING POINT:</b> No information available    | <b>PARTITION COEFFICIENT:</b> No information available     |
| <b>FREEZING POINT:</b> Not applicable             | <b>AUTO IGNITION TEMPERATURE:</b> No information available |
| <b>EVAPORATION RATE:</b> No information available | <b>DECOMPOSITION TEMPERATURE:</b> No information available |
| <b>FLAMMABILITY (solid,gas):</b> Not applicable   | <b>FLAMMABILITY LIMITS:</b> 1.0% TO 13.0%                  |
| <b>VISCOSITY:</b> 78-95 KU                        | <b>FLASH POINT &amp; METHOD:</b> -4.00 deg F TCC           |
| <b>pH:</b> Not applicable                         |  |

## 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  
**DOT HAZARD CLASS:** 3  
**ERG #:** #128

**UN PROPER SHIPPING NAME:** PAINT  
**PACKING GROUP:** II  
**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:**

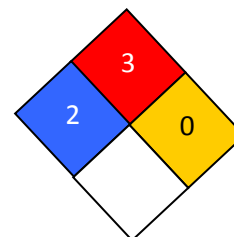
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| CHEMICAL NAME | CAS NUMBER |
|---------------|------------|
| XYLENE        | 1330-20-7  |

**16. OTHER INFORMATION**

**REVISION DATE:** 06/01/15

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

**NFPA CODES**



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