

# MATERIAL SAFETY DATA SHEET



## Infuzene

### 1. PRODUCT AND COMPANY NAME

**PRODUCT NAME:** Infuzene  
**DESCRIPTION:** Dry Material Tackifier  
**MANUFACTURER:** Westech Aerosol Corporation  
5405 Constance Dr. SW  
Port Orchard, WA 98367

**FOR MORE INFORMATION CALL:** 562-404-2440  
**IN CASE OF EMERGENCY CALL:** 562-404-2440

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
Acetone	(CAS 67-64-1)	30-40%
Cyclohexane	(CAS 110-82-7)	10-20%
Proprietary Rubbers & Resin	Non-Hazard	40-50%
Proprietary Non-Flammable Propellant	Non-Hazard	N/A

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## 3. HAZARD IDENTIFICATION

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### POTENTIAL HEALTH HAZARDS

<b>Route of Entry:</b>	Absorption, Eye contact, Ingestion, Inhalation, Skin contact
<b>Target Organs:</b>	Central Nervous System Skin Eye Liver Kidney Respiratory System Reproductive
<b>Inhalation:</b>	Exposure to vapor may have the following effects: irritation of nose, throat and respiratory tract central nervous system depression dizziness drowsiness headache mental confusion Exposure to vapor at high concentrations may have the following effects: nerve damage leading to numbness and muscle weakness, lung damage, liver damage, kidney damage
<b>Skin Contact:</b>	Material may cause irritation. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Material can be absorbed through the skin and cause effects similar to those resulting from inhalation.
<b>Eye Contact:</b>	Liquid, mist or vapor may cause pain, transient irritation and superficial corneal effects.
<b>Ingestion:</b>	Swallowing may have the following effects: abdominal pain, vomiting, central nervous system depression, kidney damage, liver damage. Aspiration into the lungs may occur during ingestion or vomiting causing lung damage. A large dose may have the following effects: systemic effects similar to those resulting from inhalation

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## 4. FIRST AID MEASURES

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<b>Inhalation:</b>	Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.
<b>Skin Contact:</b>	Immediately flood the skin with large quantities of water for at least 15 minutes, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed or dry-cleaned before reuse. Obtain medical attention if blistering occurs or redness persists.
<b>Eye Contact:</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
<b>Ingestion:</b>	Do not induce vomiting. Have victim drink 13 glasses of water to dilute stomach contents. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

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## 5. FIRE FIGHTING MEASURES

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### FLAMMABLE PROPERTIES

**Flash Point (Method Used):** -18C

**LEL:** 1.9%

**UEL:** 10.4%

**Extinguishing Method:** Foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surrounding cool with water spray.

**Special Fire Fighting Procedures:** Wear full protective clothing and self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Vapors can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware of possibility of re-ignition. For aerosol products exposure to temperature over 54oC may cause containers to burst and release highly flammable gas.

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## 6. ACCIDENTAL RELEASE MEASURES

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Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Wear appropriate protective clothing. Eliminate all sources of ignition. Use non-sparking scoops for flammable materials. Vapors can accumulate in low areas. Consider need for evacuation. Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

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## 7. HANDLING AND STORAGE

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**Handling Precautions:** Keep from reach of children. Do not puncture, incinerate or place aerosol product containers in compactors. Use in well ventilated area. Use local exhaust ventilation. Avoid inhaling vapors. Avoid contact with eyes, skin and clothing.

**Storage Requirements:** Keep container tightly closed when not in use. Do not flame cut, braze or use welding torch on container. Intentional misuse by deliberately concentrating or inhaling the vapors from this product may be harmful or fatal. Store away from sources of heat or ignition. Storage area should be: cool dry well ventilated away from incompatible materials out of direct sunlight – away from sources of ignition (heat, sparks, flames, pilot lights). Do not store above 49°C.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Engineering Controls:** Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

**Protective Equipment:** Respiratory protection if there is a risk of exposure to high vapor concentrations. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator. Butyl gloves are recommended. Chemical goggles or safety glasses with side shields. If there is danger of splashing, wear: overall or apron

**Exposure Guideline/Other:  
Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

**Acetone:**

NIOSH IDLH = 2500 ppm

NIOSH 8 hr TWA = 250 ppm

OSHA 8 hr TWA = 1000 ppm

**Cyclohexane:**

NIOSH/OSHA IDLH = 1300 ppm

NIOSH/OSHA 8 hr TWA = 300 ppm

TWA - Time Weighted Average

IDLH – Immediately Dangerous to Life and Health

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Liquid
<b>Physical Status:</b>	Solvent
<b>Odor:</b>	None
<b>pH:</b>	N/A
<b>Vapor Pressure:</b>	130mm
<b>Vapor Density:</b>	>1
<b>Boiling Point:</b>	68C
<b>Freezing/Melting Point:</b>	N/A
<b>Solubility:</b>	Insoluble
<b>Spec. Grav./Density:</b>	0.78
<b>Evaporation Rate:</b>	>1

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## 10. STABILITY AND REACTIVITY

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<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Heat, sparks, flames High temperatures –sources of ignition – welding arcs – pilot lights –static electricity
<b>Materials to avoid (Incompatibility):</b>	Strong oxidizing agents acids – bases reducing agents – strong oxidizers
<b>Hazardous Decomposition Products:</b>	Oxides of carbon acetic acid – oxides of sulfur – oxides of nitrogen – various hydrocarbons
<b>Hazardous Polymerization:</b>	Will not occur

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## 11. TOXICOLOGICAL INFORMATION

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<b>Immediate (Acute) Effects:</b>	Acetone: LD50 rat >5,800 mg/kg. LD50 rabbit 20,000 mg/kg.
Cyclohexane: NA	
<b>Delayed (Sub-chronic and chronic) Effects:</b>	Not expected to cause long term adverse health effects.
<b>Other Data:</b>	None

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity:** Acetone: LC50 Rainbow trout (*Oncorhynchus mykiss*) 96 h 5,540 mg/l. EC50  
Daphnia magna 48 h 7,635 mg/l

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of in compliance with Federal, state and local government regulations. Usually is considered an inert packaging material that can be recycled or landfilled.

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## 14. TRANSPORT INFORMATION

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**US DOT Hazard Class:** (2.1)  
**US DOT ID Number:** UN3161  
**Proper Shipping Name:** Liquified gas, flammable, n.o.s.  
**Packing Group:** NA

Classification for AIR Consult current IATA Regulations prior to shipping by air. Transportation (IATA)

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## 15. REGULATORY INFORMATION

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### EU LABEL INFORMATION

Classification and labeling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

EU Hazard Symbol and Indication of Danger

Xn Harmful

N Dangerous for the environment

F Highly flammable

### **R phrases**

R11 Highly flammable. R36 Irritating to eyes. R38 Irritating to skin. R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 Possible risk of impaired fertility. R65 Harmful: may cause lung damage if swallowed. R67 Vapors may cause drowsiness and dizziness.

### **S phrases**

S9 Keep container in a well ventilated place. S16 Keep away from sources of ignition. No smoking. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33 Take precautionary measures against static discharges. S36/37 Wear suitable protective clothing and gloves. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

#### **TSCA Listing**

All ingredients have been verified for inclusion on the EPA Toxic Substance Control Act Chemical Substance Inventory.

#### **EINECS Listing**

All ingredients in this product have not been verified for inclusion on the European Inventory of Existing Commercial Chemical Substances (EINECS) or specifically exempted.

#### **DSL (Canadian) Listing**

All ingredients in this product have been verified for inclusion on the Domestic Substance List (DSL).

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## **MA Right To Know Law**

All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at or above the de minimus concentration include: Acetone (67-64-1)

## **PA Right To Know Law**

This product contains the following chemicals found on the Pennsylvania Hazardous Substance List: Cyclohexane (110-82-7)

## **NJ Right To Know Law**

This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List Acetone (67-64-1), Cyclohexane (110-82-7)

## **California Proposition 65**

This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

## **SARA Title III Sect. 302 (EHS)**

This product does not contain any chemicals subject to SARA Title III Section 302.

## **SARA Title III Sect. 30**

The following chemicals have reportable quantities: Acetone (67-64-1)5000#, Cyclohexane (110-82-7) 1000#

## **SARA Title III Sect. 311/312 Categorization**

Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard, Fire Hazard, Sudden release of pressure

## **SARA Title III Sect. 313**

This product contains a chemical that is listed in Section 313. The following listed chemicals are present: Cyclohexane (110-82-7)

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## 16. OTHER INFORMATION

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### NFPA Ratings

NFPA Code for Flammability 4, Health 2, Reactivity 0, Special Hazards – None

### HMIS Ratings

HMIS Code for Flammability 4, Health 2, Reactivity 0, Personal Protection See Section 8

**Current Issue Date:** 04/30/2008

**Previous Issue Date:** 06/15/2006