



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name WT-HPC15, HP15 (canisters and cans)  
Manufacturer/Supplier Westech Aerosol Corporation  
Address 5405 Constance Dr. SW  
Port Orchard, WA 98367  
Phone Number (877) 6742010 (Monday – Friday 7:30 am to 5:00 pm PST)  
Chemtrec Number (800) 424-9300  
Canutec Number (613) 996-6666 call collect for emergency  
MSDS Date: July 7, 2008

This MSDS has been compiled in accordance with EC Directive 91/155/EC and OSHA Hazcom Standard (29 CFR1910.1200)

### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Dichloromethane	75-09-2	40-55%	R36/38, R40, R66	X
Proprietary Flammable Propellant	NA	25-35%	R2, R12, R16, R37/38, R44, R67	F+, E, Xi
Proprietary Rubber/Resins	NA	Balance	NA	NA

### 3. HAZARD IDENTIFICATION

#### EU Main Hazards



**THIS PRODUCT IS NOT FLAMMABLE AS PER FLAME PROJECTION TEST SPECIFIED IN 16 CFR 1500.45**

R12 Highly flammable (PROPELLANT ONLY)  
R36/38 Irritating to eyes and skin  
R40 Limited evidence of a carcinogenic effect  
R66 Repeated exposure may cause skin dryness or cracking

#### Routes of Entry;

Absorption, Eye contact, Ingestion, Inhalation, Skin contact

#### Carcinogenic Status;

Considered carcinogenic by NTP, IARC, and OSHA.



**Target Organs;**

Central Nervous System, Skin, Eye, Liver, Kidney, Respiratory System

**Health Effects**

Eyes; Liquid, mist or vapor may cause pain, transient irritation and superficial corneal effects.

### 3. HAZARD IDENTIFICATION

**Health Effects Skin**

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.

**Health Effects Ingestion**

Swallowing may have the following effects: abdominal pain, vomiting, central nervous system depression, kidney damage, liver damage. A large dose may have the following effects: systemic effects similar to those resulting from inhalation **Health Effects Inhalation**

**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, increased levels of carboxyhemoglobin.

### 4. FIRST AID MEASURES

**Eyes**

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.

**Skin**

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.

**Ingestion**

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.

**Inhalation**

Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

**Advice to Physicians**

Mineral oil, baby oil, makeup remover or other similar mild solvent may be used to remove the sticky resin residue left by the adhesive.



## 5. FIRE FIGHTING MEASURES

### **Extinguishing Media**

Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.

### **Unusual Fire and Explosion Hazards**

None

For aerosol products – exposure to temperature over 54 °C may cause containers to burst and release toxic gas.

### **Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

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.

## 7. HANDLING AND STORAGE

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. 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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

#### **Dichloromethane:**

NIOSH – Ca

OSHA – 25 ppm IDLH – 2300 ppm

Short Term – 125 PPM

TWA - Time Weighted Average

IDLH – Immediately Dangerous to Life and Health



### **Engineering Control Measures**

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.

### **Respiratory Protection**

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.

### **Hand Protection**

Butyl gloves are recommended.

### **Eye Protection**

Chemical goggles or safety glasses with side shields

### **Body Protection**

If there is danger of splashing, wear: overall or apron

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear or Red

Odor: Solvent like

pH: NA

Specific Gravity: 1.33

Boiling Range/Point (°C): 40°C

Flash Point (PMCC) (°C): NA

Vapor Pressure: approx 350 mm

Solubility in Water: Insoluble

Vapor Density (Air = 1): >1

Lower Explosive Limit/Upper Explosive Limit – LEL = 1.8% and UEL = 22%

## 10. STABILITY AND REACTIVITY

### **Stability**

Stable under normal conditions.

### **Conditions to Avoid**

Heat, sparks, flames High temperatures –sources of ignition – welding arcs – pilot lights – static electricity

### **Materials to Avoid**

Strong oxidizing agents, acids – bases, chemically active metals

### **Hazardous Polymerization**

Will not occur.

### **Hazardous Decomposition Products**

oxides of carbon acetic acid – oxides of sulfur – oxides of nitrogen – various hydrocarbons

## 11. TOXICOLOGICAL INFORMATION

### **Acute Toxicity**

Dichloromethane LC50 Mouse = 14,400 ppm/7H

LD50 Rat = 1600 mg/kg oral



### **Chronic Toxicity/Carcinogenicity**

Could possibly cause long term adverse health effects. Possible Carcinogen.

### **Genotoxicity**

This product could cause mutagenic effects.

### **Reproductive/Developmental Toxicity**

This product could cause reproductive or developmental abnormalities

## 12. ECOLOGICAL INFORMATION

### **Mobility**

No relevant studies identified.

### **Persistence/Degradability**

No relevant studies identified.

### **Bioaccumulation**

No relevant studies identified.

### **Ecotoxicity**

No relevant studies identified

## 13. DISPOSAL

Dispose of in accordance with all applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Use non-sparking tools. Do not incinerate closed containers. Dispose of containers with care.

## 14. TRANSPORT INFORMATION

### **DOT CFR 172.101 Data**

Canisters:

UN Proper Shipping Name: Liquefied gases, n.o.s.

UN Hazard Class 2.2

UN Number 3163

Cans: (Consumer Commodity, ORM-D)

UN Proper Shipping Name: Aerosols

UN Hazard Class 2.2

UN Number 1950

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

## 15. REGULATORY INFORMATION

### **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



**R phrases** R36/38 Irritating to eyes and skin. R40 Limited evidence of carcinogenic effect  
R66 Repeated exposure to skin may cause skin dryness and cracking.

**S phrases**

S23 Do not breath fumes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 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 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).

**MA Right To Know Law**

All components have been checked for inclusion on the Massachusetts Substance List (MSL). T

**PA Right To Know Law**

This product contains the following chemicals found on the Pennsylvania Hazardous Substance List: Dichloromethane (75-09-2)

**NJ Right To Know Law**

This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List: Dichloromethane (75-09-2)

**California Proposition 65**

This product contains 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. 304**

The following chemicals have reportable quantities: Dichloromethane 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: Dichloromethane (75-09-2)



## 16. OTHER INFORMATION

### **NFPA Ratings**

NFPA Code for Flammability 1, Health 2, Reactivity 0, Special Hazards – None

### **HMIS Ratings**

HMIS Code for Flammability 1, Health 2, Reactivity 0, Personal Protection See Section 8

### **Abbreviations**

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

R: Risk

S: Safety

**DISCLAIMER:** The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. Westech Aerosol Corp. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Westech Aerosol Corp. product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Westech Aerosol Corp. product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Westech Aerosol Corp. product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Westech Aerosol Corp. provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Westech Aerosol Corp. makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from Westech Aerosol Corp.