



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

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