



Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: PS-4010

MSDS Revision: 0001

Description Solvent Based Paint Remover (Epoxy/Polyurethane)

Revision Date: 7/11/2014

Product Number: 0001652

Product Use: Industrial, Manufacturing or Laboratory use

Manufacturer: Aero Clean Technologies, LLC

1320 Stephenson Ave

Lynchburg, VA 24501

For More Information Call: 434-381-0699 (Monday-Friday 7:00-6:00)

In Case of Emergency Call: 765-271-0430 (24 Hours/Day, 7 Days/Week)

WHMIS Classification / Symbol:

D-1B : Toxic Material

D-2B : Materials Causing Other Toxic Effects: Very Toxic Material (> 1%)

E : Corrosive Material at (>1%)



Signal Word: **Danger!**

Hazard Statements

H302 Harmful if swallowed

H302 Harmful if swallowed

H319 Causes serious eye irritation

H332 Harmful if inhaled

H350 May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H360 May damage fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no ot

Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

2. COMPOSITION, INFORMATION ON INGREDIENTS (Not Intended As Specifications)

Description	CAS Number	Concentration
Dichloromethane	75-09-2	45 - 65
Phenol	108-95-2	13 - 19

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. HAZARDS IDENTIFICATION

Overview Harmful if swallowed.
Causes potentially severe skin burns and eye irritation.
May cause genetic effects.
May cause cancer.
May damage fertility or cause birth defects.

Severe overexposures may lead to coma and possible death due to respiratory failure.

Inhalation	May give off gas, vapor, or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin Contact	Causes severe burns. May be harmful in contact with skin. Can cause skin defatting and irritation with prolonged exposure.
Skin Absorption	None noted.
Eye Contact	Product contact to the eye may cause irritation, redness and pain. Product residues on fingers, hands or gloves may contact the eyes and cause eye irritation, redness and pain.
Ingestion	Harmful if swallowed. May cause burns to mouth, throat and stomach. Ingestion may lead to vomiting and abdominal pain.
Other	Adverse symptoms from inhalation or ingestion may include the following: reduced fetal weight. increase in fetal deaths. skeletal malformations

4. FIRST-AID MEASURES

General	If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN immediately; have Material Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.
Inhalation	Remove to fresh air and restore breathing if necessary. Seek medical attention.
Skin Contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact	Immediately flush eyes with water for 15 minutes while holding eyelids open for maximum irrigation. Seek medical attention.
Ingestion	Seek immediate medical attention. DO NOT induce vomiting unless directed by medical personnel.
Physicians Note:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE-FIGHTING MEASURES

Flash Point LE	None	Flash Point UEL	None	Auto Ignition:	None	Boiling Point
Unusual Fire or Exposion Hazards	Decomposition products may include the following materials: • Toxic chloride fumes may be generated by contact w/flame.					
Sensitivity to Mechanical Impact	Not expected to be sensitive to mechanical impact.					
Rate of Burning	Not determined.					
Explosive Power	Not determined.					
Sensitivity to Static Charge	Not applicable.					
Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.					
Instructions to Fire Fighters	No special instructions.					
Fire Fighting Protective Equipmen	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.					

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
Enviromental Precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
Large Spill Handling	<ul style="list-style-type: none"> • Stop leak without risking safety. • Move containers from spill area.

- Approach release from upwind.
 - Prevent entry into sewers, water ways, basements, or confined areas.
 - Wash spillages into an effluent treatment plant. If effluent treatment plant is not available then contain and collect spillage with non-combustible, absorbent material (i.e. sand, earth, vermiculite, or diatomaceous earth) and place in container for disposal according to local regulations (see Section 13).
 - Dispose of via a licensed waste disposal contractor.
 - Contaminated absorbent material may pose the same hazard as the spilled product.
- Note:** see Section 1 for emergency contact information and Section 13 for waste disposal.

Small Spill Handling Stop leak if without risking personal or environmental well being. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Handling Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not breathe vapor or mist. Do not swallow. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Dichloromethane								
TWA	ACGIH STEL	CEILING	TWA	OSHA STEL	CEILING	TWA	NIOSH STEL	CEILING
Phenol								
TWA	ACGIH STEL	CEILING	TWA	OSHA STEL	CEILING	TWA	NIOSH STEL	CEILING
5 ppm				5 ppm			5 ppm	15.6 ppm

Personal Protective Equipment (PPE)

General PPE Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: Half-face filter respirator

Hands Any specific glove information provided is based on published literature and glove manufacturer data. Work conditions can greatly affect glove durability; inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include: NEOPRENE and NITRILE
If prolonged or repeated contact is likely, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

Eyes Chemical splash goggles or face shield should be used. Safety Glasses do not offer enough protection from spray and splashing product.

Skin and Body Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hygiene Wash hands, forearms, and face thoroughly after handling chemical products prior to eating, smoking, using the lavatory, and at the end of the working periods. Appropriate procedures should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid		Density: 9.934 lbs/gal
Appearance: Opaque Emulsion		pH: 9.35
Color: Yellow		Viscosity: Not determined
Odor: Pungent Phenol		Solubility in Water: Partially
Boiling Point:	Flash Point LEL: None	Vapor Density: 2.9
Freezing Point: Not determined	Flash Point UEL: None	Vapor Pressure: 38
Melting Point: Not determined	Auto Ignition: None	Evaporation Rate: 1

10. STABILITY AND REACTIVITY

Stability Stable

Conditions to Avoid

Materials to Avoid

Decomposition None known

Polymerization None known

11. TOXICOLOGICAL INFORMATION

Dichloromethane	
Test Method	Dosage/Concentration
LD50 (oral, rat)	1600 mg/kg
Phenol	
Test Method	Dosage/Concentration
LD50 (dermal, rabbit)	684 mg/kg
LD50 (oral, rat)	292 mg/kg

12. ECOLOGICAL INFORMATION

Based on ecotoxicity and data for the individual ingredients in this specific formulation, and for related products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environment agency for specific rules). Do not dump in sewers, any body of water, or on the ground.

Empty containers retain product residue and can be dangerous. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. Do not dispose of package until thoroughly washed out.

14. TRANSPORT INFORMATION

In accordance with ICAO/IATA/DOT/TDG

UN Number: UN1760

UN Proper Shipping Name CORROSIVE LIQUID, N.O.S., (DICHLOROMETHANE AND P

UN Class: 8

Package Group (DOT) II

15. REGULATORY INFORMATION

All regulatory information is stated as provided by MSDS from manufacturer/distributor.

Dichloromethane

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Phenol

TSCA Inventory Status: All ingredients are listed on the TSCA inventory.

DSCL (EEC): All ingredients are listed on the DSCL inventory.

California Proposition 65: Not Listed

SARA 302 Listed: Phenol

SARA 304 Listed: Phenol

SARA 311 Phenol

SARA 312 Phenol

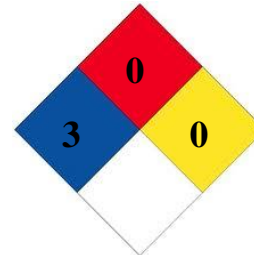
SARA 313 Listed: Phenol

WHMIS Canada CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).

CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

CLASS E: Corrosive liquid

16. OTHER INFORMATION



This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.