

MATERIAL SAFETY DATA SHEET – PAINT REMOVER

PRODUCT IDENTIFICATION:

Trade Name: Paint Remover
UN: 2810 Class: 6.1b
Hazchem: 2 [Z] Pkg: III
Epg: 6B3

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: Opaque viscous paste
Vapour Pressure: Info not available
Boiling Point: 32-80 deg C
Volatile Component: >90% by weight
Specific Gravity: Approx 1.3
Flash Point: None
Flammability Limits: 14.8%
Autoignition Temp: 615 deg C
Rel Vapour Density: approx .3
Form: Liquid

INGREDIENTS:

Chemical Entity: Proportion:

Dichloromethane 70-75%
Ankanol: 5-10%
Gelling agents: 10-20%

Other Data:

ATP's Paint Remover consists of a gel mixture of Methylene Chloride and Akanol. This enables the product to remain on the surface long enough for the methylene chloride to attack the paint coating. The paint is attacked within minutes and scraping should then commence. If all paint coatings are not removed in the first application simply repeat the process. Give the stripped surface a final clean with methylated spirits or warm soapy water before repainting.

USE: As a high quality, methylene chloride based paint stripper for removing:

2 pack epoxy paints, urethane coatings, traffic paints, chlorinated rubber paints, alkyd and acrylic paints, graffiti from all timber, masonry/concrete, brick and metallic surfaces.

HEALTH HAZARD INFORMATION:

ACUTE EFFECTS:

Swallowed: Ingestion can result in nausea, vomiting, diarrhea, abdominal pain, and/or convulsions. If retained it may lead to kidney damage and ulceration of the stomach.

Eye: High concentrations of vapour will cause irritation. Permanent eye damage, including loss of sight, may occur.

Skin: Contact with skin will result in moderate irritation. Repeated or prolonged skin contact may lead to dermatitis effects. Will have a deflating effect on the skin.

Inhaled: Harmful by inhalation. May cause nausea, vomiting and dizziness. Possible CNS effects. Can lead to unconsciousness and possible death.

Chronic Effects: Repeated or prolonged skin contact can cause dermatitis. Evidence from studies on exposed workers indicate that repeated or prolonged exposure to this chemical could result in liver, kidney and blood disorders. Some animal test data suggests a carcinogenic potential for this material. These particular data are not considered relevant to normal industrial use but emphasise the need for care in handling. May induce asthma-like sensations.

FIRST AID:

Swallowed: Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Seek immediate medical assistance. DO NOT induce vomiting because of risk of aspiration.

Eye: Immediately irrigate with copious quantities of water. Eyelids to be held open. Seek medical attention.

Skin: Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhaled: If effects occur, remove to fresh air. If not breathing, commence resuscitation. If breathing is difficult oxygen can be given by a trained person. Call a doctor and/or transport to medical centre.

Advice to Doctor: Eyes: check eyes for corneal irritation. Skin: treat as chronic dermatitis. Respiratory: treat for anaesthetic or narcotic effect. Oral: if lavage is required, consider endotracheal and/or esophagosopic control. Systemic: may increase myocardial irritability.

There is no specific antidote.

TOXICITY DATA:

Single low dose toxicity: LD50 (rat) 2524mg/kg

PRECAUTIONS FOR USE:

Exposure Standards: For methylene chloride. T.W.A 50ppm 174 mg/m³

Carcinogen Category: 3 (substances suspected of having carcinogenic potential)

Other Data: T.L.V 350 mg/m³, S.T.E.L 175mg/m³

Exposure to a level above 3100mg/m³ may cause anaesthesia and can be fatal.

For methanol: T.W.A 262 mg/m³ S.T.E.L 328 mg/m³

Engineering Controls: Use in a well ventilated area only. Consider mechanical ventilation. Must be sufficient to prevent breathing of vapour. Maintain concentration below recommended exposure limit.

Personal Protection: Wearing of the following personal protective equipment is recommended. Safety glasses, goggles or face shield, chemically resistant gloves, overalls or similar protective apparel, enclosed footwear. Avoid skin contact. Avoid inhaling vapour, mist or dust. Do not smoke.

Flammability: Non flammable. May produce chlorine or phosgene if involved in a fire.

Environment: Harmful to aquatic life/bird life. Avoid contaminating waterways.

SAFE HANDLING INFORMATION:

Storage and Transport: Store in a well ventilated area. Store away from heat. Not to be loaded with foodstuffs. Store away from combustible materials. Class 6 Poisonous (toxic) substances shall not be loaded in a vehicle with:

Class 1 Explosives – Foodstuffs and foodstuffs empties

Class 3 Flammable liquids

Class 5.1 Oxidising agents (when Class 6 subst. Capable of burning)

Class 5.2 Organic peroxides (when Class 6 subst. Capable of burning)

Store in original containers. Transport in original containers.

Packaging and Labelling: Packaging Method: 5.9.6.1 RT7, RT8. Labelling to be as per the Uniform Paint Standard.

Spills and Disposal: In the event of a small spill use absorbent (soil, sand, sawdust, inert material or vermiculite). Sweep up. Absorbed spillage should be placed in an open top metal container in an open space away from habitation where solvent can evaporate. For large spills notify Emergency Services. The following protective equipment should be worn. Impervious overalls or similar protective apparel. Wear self contained breathing apparatus. Contain using sand and earth

– prevent runoff into drains and waterways. Isolate leaking containers and stop leak if safe to do so. Collect and seal in properly labelled drums for disposal. Residues must be incinerated by an appropriate agent.

Fire/Explosion Hazard: Non flammable. Will produce hydrochloric acid and small amounts of chlorine and phosgene when heated. Wear self contained breathing apparatus if risk of exposure to vapours or products of combustion. Keep containers exposed to heat cooled with water spray to avoid rupture.

Reactivity Data: Avoid oxidising agents. Incompatible with aluminium, sodium, potassium, and magnesium. Avoid contact with ketones and water.

OTHER INFORMATION:

DISCLAIMER: The data provided here is based on current knowledge and experience. The purpose for this Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to the properties or end use or handling of the product. All information is provided in good faith but without guarantee and without acceptance of responsibility of accuracy.

ATP's Paint Remover assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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