

CRYSTAL COAT SAFETY DATA SHEET DATED JAN 9TH 2019

SECTION 1: Identification of The Material And Supplier

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Chemical Nature; Chlorinated plastic solution.
Trade Name; 1,1,1-Trichloroethylene
Percent; 1-5%
Product Use; Aerosol plastic coating pressurized spray powered by carbon dioxide.
Compilation date; January 2019

Issue Date; January 9 2019 and is valid for 5 years from issue date.

SECTION 2 : HAZARDS IDENTIFICATION

Hazardous Nature of Product

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not 'hazardous' per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

Safety Phrases Pressurized container, Keep out of reach of children; do not inhale fumes or product especially in enclosed non ventilated environments, avoid direct contact with the skin and eyes. If subjected to prolonged or direct exposure and feel nauseous consult physician and show label and MSDS. Wear appropriate protective clothing such as gloves and safety glasses. Do not eat or drink when using the product.

Standard for the uniform Scheduling of Drugs and Poisons Classification S6

UN Number; 1950

Emergency Overview

Physical appearance; clear colorless liquid spray
Odor; slightly sweet but can be irritating in high concentrations
Major Health Hazards; eye irritant, contact will dry and defat the skin, vapors harmful if swallowed.
Contains a material which may cause cancer.

Potential Health Effects

Inhalation

Short Term Exposure; Acute, excessive inhalation may cause nasal and respiratory irritation, dizziness, headache, nausea, possible unconsciousness and even asphyxiation.
Long Term Exposure; No data available for health effects associated with long term exposure.

Skin Contact

Short Term Exposure; Acute; dryness and defatting, irritation and redness. Trichloroethylene can be absorbed through the skin and cause numbness in fingers immersed in liquid
Long Term Exposure; No data available for health effects associated with long term skin exposure.

Eye Contact

Short Term Exposure; Acute; irritation and redness, tearing and blurred vision.
Long Term Exposure; No data available for health effects associated with long term skin exposure.

Ingestion

Short Term Exposure; Acute; can cause Nausea, vomiting, dizziness, diarrhea and possible narcosis. Do not administer adrenaline following exposure.
Long Term Exposure; Drowsiness.

Carcinogenic Status; OSHA: N; NTP: N; IARC: Y

SECTION 3; COMPOSITION AND INFORMATION ON CONTENTS

Trichloroethylene; 1-5%; CAS number 79-01-6; TWA (ppm) 10; STEL (ppm) 40

Other non toxic

Ingredients; secret proprietary information 95-99%

Note; The TWA exposure value is the average airborne concentration of a particular substance when it is calculated over a regular 8 hour work day for a 5 day working week. The STEL (short term exposure limit) is an exposure value that should not be exceeded for no longer than 15 minutes and should not be repeated more than 4 times a day. There must be at least one hour between consecutive exposures at the short term exposure limit

SECTION 4; FIRST AID

If in Eyes; Flush immediately with large amounts of water or saline for at least 15 minutes occasionally lifting upper and lower lids until no evidence of chemical remains. Call your doctor. Take special care if person is wearing contact lenses.
If on Skin; Wash affected area with soap and water until no evidence of chemical remains. Launder contaminated clothing before re-use.
If vapors are inhaled; Remove from exposure area. Restore breathing if necessary. Keep warm and quiet. Call your doctor.
If ingested; DO NOT induce vomiting, get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5; FIRE FIGHTING MEASURES

Flash Point Method; None

Upper and Lower

Explosive Limit None

Auto ignition temperature Not Established

Appropriate Extinguishers; the solvent will not burn

Unusual Fire and Explosive hazards; none

Special Fire Fighting

Procedures

Persons exposed to products of combustion should wear self contained breathing apparatus and full protective equipment. Cool containers with water until well after fire is out.

SECTION 6; ACCIDENTAL SPILL MEASURES

Spill or Leak Procedures; Ventilate the area well, avoid breathing vapors. Dike and contain any material which is spilled to prevent transfer to waterways or drains, cover with absorbent material such as granulated clay or rags. Transfer to a container for disposal.
Avoid ground contamination.
Persons entering the spill area should wear appropriate PPE such as respirators, safety shoes and clothing etc. Respirators should be type A suitable for vapors. Stop leak if at all possible and safe to do so. If a significant amount of material enters drains then advise emergency services.

SECTION 7; HANDLING AND STORAGE

Handling Information; Keep away from sources of high ambient temperature. Can be stored at freezing temperatures. Keep away from Children. When empty, wrap container in waste paper and dispose of in appropriate trash container. Observe all Label precautions. Do not weld near aerosol cans.
Storage information; Consult the technical data sheet for storage data.

SECTION 8; EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection; Wear appropriate safety glasses to reduce the potential for eye contact. Have eye wash available where eye contact can occur.
Skin Protection; Prevent contact by using appropriate gloves and protective clothing. Launder contaminated clothing and if necessary give commercial laundry a copy of this MSDS.
Ventilation; Local exhaust ventilation preferred. Provide ventilation to control contaminant level below airborne exposure limits. Best to use product in well ventilated area.

SECTION 9; PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Color

Clear, colorless vapor
Smell; Has a slightly sweet smell; irritating at high concentrations.
Boiling Point; BP of active ingredient is 189 degrees F
Freezing Point FP of active ingredient is -99 degrees f
Volatiles completely volatile
Vapor Pressure 58 mm of mercury at 20 degrees C.
Vapor Density 4.53 (air=1)
Water Solubility; less than 1gm/liter at 25 degrees C
Odor Threshold 21ppm
Evaporation rate 0.69 (carbon tetrachloride is 1)
Coeff of oil/water
Distribution not established
Autoignition temp non flammable gas
pH not established

SECTION 10; STABILITY AND REACTIVITY

Stability; Stable
Incompatibility; Materials to avoid are strong oxidizers and temperatures above 130 degrees F or 54 degrees C.
Hazardous Decomposition; Carbon dioxide and Carbon Monoxide, hydrogen chloride gas, hydrofluoric acid fumes.
Hazardous Polymerization; will not occur.

SECTION 11; TOXICOLOGICAL INFORMATION

Local Effects

Target Organs; Skin; weight	There is no data available indicating any particular target organs. The LD50 for skin absorption in rabbits exceeds 20 g/kg body
Inhalation;	The LD50 oral rat is 5650 mg/kg. The LC50 for rats is 12,500ppm for 4 hours. The active ingredient may have effects on the Central nervous System including memory loss. The product may have effect on liver and kidneys.
Birth Defects;	Not likely. Exposures which have no effect on the mother should have no effect On the fetus. No birth defects were noted in animal trials. Other effects on the fetus were only seen at doses so high that they would have had toxic effects on the mother.
Reproductive Effects;	Animal data on Trichloroethylene do not suggest any reproductive hazard from exposure.
Mutagenicity;	In vitro studies have proven negative. Animal mutagenicity studies were also predominantly negative.

SECTION 12; ECOLOGICAL INFORMATION

Product is biodegradable and it will not accumulate in soil or water.

SECTION 13; DISPOSAL INFORMATION

Always check with local laws and regulations as these do vary from area to area. Always recycle if possible.
Do not throw unused aerosol containers into the fire.

SECTION 14; TRANSPORT INFORMATION

Limited quantities regulations do apply. Container is 397Gms (14OZ) and the US D.O.T. classification is ORM-D Consumer Commodity.
Dangerous Goods Class 2.2
Packaging group 111

SECTION 15; REGULATORY INFORMATION

AICS; All significant ingredients in this product are compliant with NICNAS regulations and the trichloroethylene is mentioned in the SUSDP.

SECTION 16; OTHER INFORMATION

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Hot Foot® America L.P. from its suppliers, and because Hot Foot has no control over the conditions of handling and use, Hot Foot®

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