

Tapecoat®

Material Safety Data Sheet

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Chase Tapecoat
1527 Lyons Street
Evanston, IL 60201
www.chasecorp.com

Transportation Emergency
CHEMTREC: (800)424-9300
CHEMTREC International: (703)527-3887

Non-Transportation
Emergency : Call CHEMTREC
Information: 847-866-8500

Product Name
TC Omniprime, Tapecoat Omniprime, Omniprime

Issue Date
April 10, 2013

Supersedes Date
July 9, 2012

SECTION 2 – HAZARD IDENTIFICATION

Emergency Overview

Clear colorless liquid, contact with eyes, skin and respiratory system may cause irritation.

Human Effects and Symptoms of Overexposure

Acute Skin

Contact with skin may cause irritation, dermatitis.

Acute Eye

Contact with eyes may cause pain and irritation.

Acute Inhalation

May produce symptoms of central nervous system depression, including headache, dizziness, nausea, loss of balance, and drowsiness.

Acute Ingestion

May be irritating to digestive tract; may cause gastric distress, stomach pains.

General Effects of Exposure

Acute Effects of Exposure

Contact with eyes, skin and respiratory system may cause irritation.

Chronic Effects of Exposure: Not expected to cause any adverse chronic effects.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

CAS Number	Material	Weight %
98-56-6	p-Chlorobenzotrifluoride	75-85

SECTION 4 – FIRST AID MEASURES

Thoroughly flush affected area with large quantities of water. Remove and wash all contaminated clothing.

Eye Contact

Check for and remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention.

Skin Contact

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

If hot product strikes the skin, immediately cool before attempting removal, Cool with water or ice and apply skin burn dressing. Obtain immediate medical attention for skin burns.

Inhalation

Remove affected person to fresh air; if symptoms persist seek medical attention.

Ingestion

Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

SECTION 5 – FIREFIGHTING MEASURES

PCBTF exhibits a flash point of 109°F (42.8°C), however, this product is a non-regulated material under the DOT Hazardous Material Regulations and the IMDG Code because it does not sustain combustion. Products of combustion include compounds of carbon, chlorine, fluorine, hydrogen and oxygen, including carbon monoxide. Toxic gases will form upon combustion.

Suitable Extinguishing Media

Carbon dioxide, water, water fog, dry chemical, chemical foam.

Special Firefighting Procedures

Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Caution - material will produce a flash before self-extinguishing!

Unusual Fire/Explosion Hazard

Closed containers can explode due to buildup of pressure when exposed to extreme heat.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Contain liquids and prevent discharges to streams or sewers, control or stop the loss of volatile materials to the atmosphere. Large leaks may require environmental consideration and possible evacuation. Do not apply water to the leak. Spills or releases should be reported, if required, to the appropriate local, state, and federal agencies. If a significant spill occurs, evacuate area. If exposure conditions warrant, wear a NIOSH/MSHA-approved positive pressure self-contained breathing apparatus and full protective clothing. Shut off electrical service and protect from ignition. Contain spill or release with a dike to prevent flow into sewers or streams. Pump into container for disposal or reclamation. Soak up small spills with absorbent material.

SECTION 7 – HANDLING AND STORAGE

Storage Period

Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame or oxidizing materials.

Handling/Storage Precautions

Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Industrial Hygiene/Ventilation Measures

The use of local exhaust ventilation is recommended. No other special controls are indicated.

Respiratory Protection

For unknown concentrations or emergency situations a NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN149 for complete regulations.

Hand Protection

Viton® Gloves are recommended. Nitrile or PVC gloves can also be used.

Eye Protection

Chemical safety goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

Skin and Body Protection

Coveralls, apron, or other equipment should be worn to minimize skin contact.

Additional Protective Measures

Keep safety eyewash station nearby. Employees should wash their hands before eating, drinking or using tobacco products. Educate and train employees in the safe use and handling of this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Brown
Odor	Naphthalenic odor
pH	Not determined
Freezing Point	-33°C (-36°F)
Boiling Point	139°C (282°F)
Flash Point	43°C (109°F)
Lower Explosion Limit	0.9%
Upper Explosion Limit	10.5%
Vapor Pressure @ 20°C	5.3mm Hg
Specific Gravity	1.3
Solubility in Water	29 ppm @ 23°C
Autoignition Temperature	>500°C (>932°F)
Viscosity @ 25°C	140 cps (nominal)
VOC	<1 g/L

SECTION 10 – STABILITY AND REACTIVITY

Hazardous Polymerization

Will not occur.

Stability

Material is stable under normal conditions.

Materials to Avoid

Strong oxidizers, strong acids

Conditions to Avoid

Extreme Temperatures

Hazardous Decomposition Products

Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, chlorine, fluorine fumes or vapors, and smoke may be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Note

May cause skin and eye irritation.

CAS Number	Material	DERMAL LD50	INHALATION LC50	ORAL LD50
98-56-6	p-Chlorobenzotrifluoride	N/E	20,000 mg/m ³ (Mouse)	6,800 mg/kg (Rat)

CAS Number	Material	Carcinogenicity ACGIH/IARC	Teratogenicity	Mutagenicity
98-56-6	p-Chlorobenzotrifluoride	N/E	N/E	N/E

N/E: Not Established

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Note

No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data is available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant. Volatility and relative environmental partitioning characteristics make it unlikely that p-Chlorobenzotrifluoride represents a significant threat to aquatic or terrestrial environments.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Recovered non-usable material is a RCRA Hazardous Waste. Treatment, storage, transportation and disposal must be in accordance with EPA and State regulations under the authority of the Resource Conservation and Recovery Act (RCRA) 40 CFR parts 260-271.

SECTION 14 – TRANSPORT INFORMATION

Land Transport (DOT)

Non-Regulated

Sea Transport (IMDG)

UN number: 2234

Class: 3

Packing Group: III

Proper Shipping Name: Chlorobenzotrifluorides

Air Transport (IATA)

UN number: 2234

Class: 3

Packing Group: III

Proper Shipping Name: Chlorobenzotrifluorides

Note: Under the regulations at 49 CFR 173.150 this material may be reclassified as a combustible liquid for US transport only. This provision only applies to transport via highway and does not apply to transport by vessel or aircraft.

SECTION 15 – REGULATORY INFORMATION

TSCA Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA Title III (311,312)

311/312 Hazard Categories: Immediate Health (p-Chlorobenzotrifluoride)

313 reportable Ingredients: None

CERCLA Hazardous Substance

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

Components of this product identified by CAS numbers have been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification

Not controlled

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EEC Labeling

Symbols:

Irritating



R Phases: 10, 36/37/38

S Phrases: 26,36

HMIS Labeling

Health	1
Flammability	2
Physical Hazard	0

0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe

NFPA Rating

Health	1
Fire	2
Reactivity Hazard	0

0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe

SECTION 16 – OTHER INFORMATION

Format

This form is designed to meet the guidelines provided by the American National Standards Institute (ANSI) Form Z400.1/Z129.1 – 2010.

Disclaimer

Information herein is given in good faith and is, to the best of our knowledge and belief, accurate and reliable. However, since information herein was obtained, in part, from independent suppliers not under the direction and supervision of Chase Corporation, Chase Corporation makes no warranty or representation, express or implied, that the information is accurate, reliable, complete or representative. Chase Corporation warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The data shown above in no way modifies, amends, or enlarges any specification or warranty.

Issued By

Dan Libby