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 Names
Tapecoat G25, H35 Gray, H35 Gray WE, H35 Gray WG, H50 Gray, T Tape Gray PE, Moldable Sealant, CT, 10/40 W, H30, H50, H65, IP35, Roof Seal, Aluminum Tape, TR Green, M50RC Black, M50RC Gray, M65RC, M65 Pads (Gray Pads), M860, Roll and Seal

Issue Date
April 2, 2013

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July 9, 2012

SECTION 2 – HAZARD IDENTIFICATION

Emergency Overview
Not expected to produce adverse health effects when the recommended use is followed.

Human Effects and Symptoms of Overexposure
Acute Skin
Contact with heated material can cause thermal burns.

Acute Eye
Eye contact is not typical if good industrial practices are followed

Acute Ingestion
Ingestion is not a typical route of industrial exposure

General Effects of Exposure
Acute Effects of Exposure
Gases and fumes evolved during the thermal processing or decomposition of this material may irritate the eyes, skin or respiratory tract.

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

Carcinogenicity
Titanium Dioxide is classified by the IARC as a Group 2B carcinogen (possibly carcinogenic to humans). Titanium Dioxide in this preparation, due to its bound form, does not present carcinogenic risks.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components
The following hazardous ingredient(s) are used to formulate this product. As supplied, the ingredient(s) are bound in the polymer matrix. Because they are bound in the matrix, they are not expected to create any unusual hazards when handled and processed according to good manufacturing and industrial hygiene practices and the guidelines provided in this MSDS.

CAS Number	Material	Weight %
1317-80-2	Titanium Dioxide	1-2

SECTION 4 – FIRST AID MEASURES

Eye Contact
In case of contact flush eyes with water.

Skin Contact
Remove with waterless hand cleaner and wash with soap and water.

Inhalation
Not expected to cause any adverse effects.

Ingestion
Get medical attention.

SECTION 5 – FIREFIGHTING MEASURES

Suitable Extinguishing Media
Water spray, Water fog, Dry chemical, Carbon dioxide

Special Firefighting Procedures
Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Unusual Fire/Explosion Hazard
Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures
Place it into an appropriate marked container for disposal. Sweep up and shovel into suitable containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Storage Temperature
66°C (150°F) Maximum

Storage Period
Containers should be tightly closed to prevent contamination with foreign materials and moisture.

Handling/Storage Precautions
Handle in accordance with good industrial hygiene and safety practices.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Industrial Hygiene/Ventilation Measures
General local exhaust should be used as necessary to control airborne vapors and thermal decomposition products below appropriate airborne concentration standards/guidelines, especially during high heat operations.

Respiratory Protection
No special respiratory protection requirements during normal handling and use.

Hand Protection
No special hand protection requirements during normal handling and use.

Eye Protection
Wear safety glasses with side shields.

Skin and Body Protection
No special skin protection requirements during normal handling and use.

Additional Protective Measures
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	Adhesive Tapes
Color	Gray Adhesive on various backings
Odor	Mild
pH	Not applicable
Melting Point	Not applicable
Flash Point	232°C (450°F) – Cleveland Open Cup
Lower Explosion Limit	Not applicable
Upper Explosion Limit	Not applicable
Vapor Pressure	Not applicable
Specific Gravity	Not applicable
Solubility in Water	Insoluble
Autoignition Temperature	>450°C (>842°F)
Softening Point	Not applicable

SECTION 10 – STABILITY AND REACTIVITY

Hazardous Polymerization
Will not occur.

Stability
Material is stable under normal conditions.

Materials to Avoid
None known.

Conditions to Avoid
Elevated Temperatures, >300°C (>572°F)

Hazardous Decomposition Products
Material does not decompose at normal working conditions. By fire and thermal decomposition: carbon oxides, hazardous decomposition products due to incomplete combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Note
No data is available for this product

CAS Number	Material	DERMAL LD50	INAHALATION LC50	ORAL LD50
1317-80-2	Titanium Dioxide	>5,000 mg/kg (Rabbit)	>6.82 mg/l, 4h (Rat)	>5,000 mg/kg (Rat)

CAS Number	Material	Carcinogenicity ACGIH/IARC	Teratogenicity	Mutagenicity
1317-80-2	Titanium Dioxide	No*	N/E	No**

N/E: Not Established

*** Carcinogenicity**
Rat, Male/Female, Inhalation
According to IARC, several rat inhalation and intratracheal installation studies using titanium dioxide have shown increases in benign and malignant lung cancers. Reviewed human exposure data did not suggest an association between occupational exposure to titanium dioxide and risk for cancer. Additionally, the IARC working group determined that, “No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other material, such as in paints.”

**** Mutagenicity**
Genetic Toxicity in Vitro: Ames: Negative
Genetic Toxicity in Vivo: Drosophila SLRL test: Negative

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Note
No data is available for this product

Ecological Data for Titanium Dioxide
Acute and Prolonged Toxicity to Fish
LC0: >1,000mg/l (Golden orfe, 48h)

Acute Toxicity to Aquatic Invertebrates
EC0: >3mg/l (Water flea)

Toxicity to Microorganisms
EC0: >10,000mg/l (Pseudomonas fluorescens, 24h)

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method
Waste disposal should be in accordance with existing federal, state and local environmental control laws.

SECTION 14 – TRANSPORT INFORMATION

Land Transport (DOT)
Non-Regulated

Sea Transport (IMDG)
Non-Regulated

Air Transport (ICAO/IATA)
Non-Regulated

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 Section 311/312 Hazard Categories
This material contains no chemicals subject to the supplier notification requirements.

SARA 313 Toxic Release Inventory
This material contains no chemicals subject to the supplier notification requirements.

CERCLA Hazardous Substance
This material contains no chemicals subject to the supplier notification requirements.

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.

State Right-to-Know Information
Massachusetts, New Jersey and Pennsylvania Right-to-Know Lists

Weight Percent	Components	CAS No.
1-2%	Titanium Dioxide	1317-80-2

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. The titanium dioxide is inextricably bound and, under normal conditions of use or during foreseeable emergencies, cannot become airborne and result in worker exposure. The product does not fall within the criteria described in section 58 of the CPR

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: None
R Phases: n/a
S Phrases: 24/25

HMIS Labeling

Health	**1**
Flammability	**0**
Physical Hazard	**0**

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

NFPA Rating

Health	**1**
Fire	**0**
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.

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Issued By
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