

Material Safety Data Sheet

CertainTeed

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

MSDS Number: CT 10098-1
DATE PREPARED: November 28, 2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name:
FlintPrime™ Quick Dry

Chemical Name: Mixture

CAS #: Not Applicable

Common Name: None

Product Use: All purpose primer for concrete and other surfaces. Packaged in aerosolized cans.

MANUFACTURER INFORMATION:

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0101

TELEPHONE AND E-MAIL:

(610) 341-7000 9 AM – 5 PM
(Eastern Time – USA)
CertainTeed-EHS@saint-gobain.com

EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300

2. HAZARD IDENTIFICATION

Emergency Overview

DANGER! EXTREMELY FLAMMABLE. Product is a mixture packaged in a pressurized aerosol can.

APPEARANCE AND ODOR: Black, viscous, liquid, petroleum odor.

Summary:

Avoid breathing vapors and contact with eyes and skin. Excessive inhalation of vapors may cause nasal or respiratory irritation. Eye contact may cause severe irritation, redness, tearing, and blurred vision. Skin contact may cause moderate irritation. Prolonged exposure may cause defatting and dermatitis. Ingestion of this product may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Routes of Exposure:

Inhalation, ingestion, skin, and eye contact.

Potential Health Effects: Eyes

This product may cause severe irritation, redness, or blurred vision.

Potential Health Effects: Skin

Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. This product may be harmful if it is absorbed through the skin.

Potential Health Effects: Ingestion

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential Health Effects: Inhalation

Repeated inhalation may be harmful; lung irritation and serious central nervous system disorders may result. Intentional misuse by deliberately inhaling this product may be harmful or fatal.

Medical Conditions Aggravated by Exposure: None.

HMIS Ratings: Health: 2 Fire: 4 Physical Hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Percent*
8052-42-4	Petroleum Asphalt	<70
8052-41-3	Stoddard solvent	>30
Not Available	Hydrocarbon Propellant	-----

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

This material is a controlled product under Canadian WHMIS regulations

*Concentration ranges do not fall under the prescribed WHMIS ranges. Stated concentrations represent maximum variation of each batch of product.

4. FIRST AID MEASURES

First Aid: Eyes

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

First Aid: Skin

Wash exposed areas with soap and water for at least 15 minutes. Remove contaminated clothing. If irritation develops or persists, seek medical attention. Launder contaminated clothing before reuse.

First Aid: Ingestion

Aspiration hazard. DO NOT induce vomiting. If vomiting does occur, keep head lower than hips to help prevent aspiration. Get immediate medical attention.

First Aid: Inhalation

If inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.

5. FIRE FIGHTING MEASURES

General Fire Hazards:

See Section 9 for Flammability Properties.

DANGEROUS when exposed to heat or flame. This material can be ignited by flame or spark under all normal atmospheric conditions. May be ignited by heat, sparks or flames. Pressurized containers exposed to elevated temperatures (such as heat, sparks or flames) may explode. Do not expose containers to temperatures in excess of 120F. Vapors may travel and can be ignited by a remote source of ignition and flash back.

Hazardous Combustion Products:

Fire may produce irritating or poisonous gases. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media:

Dry chemical, foam, carbon dioxide, water fog. For large fires, use alcohol-resistant foam or flood with fine water spray.

Fire Fighting Equipment/Instructions

Wear full protective clothing, including helmet, self-contained positive pressure breathing apparatus, protective clothing and face mask.

NFPA Ratings: Health: 2 Fire: 4 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

6. ACCIDENTAL RELEASE MEASURES

Containment Procedures:

Remove sources of ignition. Dike the spilled material, where this is possible. Prevent entry to sewers, or other water sources.

Clean-Up Procedures:

Ventilate the contaminated area. Absorb spilled material with inert absorbent (sand, earth). Shovel material into an appropriate container for disposal or recovery. Dispose of in accordance with Federal, State and local regulations in a permitted waste management facility.

Evacuation Procedures:

Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure.

Special Procedures: No additional information available.

7. HANDLING AND STORAGE

Handling Procedures:

Pressurized container: May explode when exposed to heat or flame. Do not expose to temperatures above 120F. Do not puncture or incinerate containers. Do not inhale vapors. Avoid eye and skin contact. Use only with adequate ventilation. Wear impervious clothing and gloves.

Storage Procedures:

Do not handle or store near an open flame, heat or other sources of ignition. Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

A: Component Exposure Limits

Petroleum Asphalt (8052-42-4)

ACGIH: 0.5 mg/m³ TWA (fume, inhalable fraction, as benzene soluble aerosol)
 NIOSH: 5 mg/m³ Ceiling (15 min, fumes)

Stoddard solvent (8052-41-3)

ACGIH: 100 ppm TWA
 OSHA: 500 ppm TWA; 2900 mg/m³ TWA
 NIOSH: 350 mg/m³ TWA
 1800 mg/m³ Ceiling (15 min)

Engineering Controls:

Provide adequate local exhaust ventilation to maintain worker exposures below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: General

Use appropriate personal protective equipment when handling this product. Eye wash fountain and emergency showers are recommended in areas where this product may be handled.

Personal Protective Equipment: Eyes/Face

Safety glasses with sideshields or chemical goggles are recommended. Add face shield if splashing/over spray is possible.

Personal Protective Equipment: Skin

Wear impervious gloves such as nitrile or Viton® (consult glove manufacturer for specific breakthrough times). Wear appropriate chemical resistant clothing.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively prevent build-up of vapors, appropriate NIOSH-approved (or equivalent) respiratory protection must be provided with NIOSH-approved (or equivalent) cartridges for protection against organic vapors and a P100 HEPA filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black	Odor: Mild solvent odor
Physical State: Liquid	pH: Not Available
Vapor Pressure: Not Available	Vapor Density: Not Available
Boiling Point: Not Available	Melting Point: Not Applicable
Solubility (H₂O): Negligible	Specific Gravity: Not Available
Bulk Density: 7.6 lbs/gallon	Flash Point: Level 3 Aerosol
Flash Point Method: Not Available	Lower Flammability Limit: Not Available.
Upper Flammability Limit: Not Available.	Auto Ignition Temp.: Not available
Burning Rate: Not available	

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability

Stable under normal conditions.

Conditions to Avoid:

Pressurized Container: May explode when exposed to heat or flame. Do not expose to temperatures in excess of 120F. Do not puncture or incinerate containers. Keep away from heat, ignition sources and incompatible materials.

Incompatibility: Oxidizing materials.

Hazardous Decomposition:

Fire may produce irritation or poisonous gases. This product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions: Will not occur.

11. TOXICOLOGICAL INFORMATION**Acute Dose Effects****A: General Product Information:**

May cause irritation to the throat, mucous membranes respiratory system. Vapors may cause severe irritation to the eyes, redness, tearing and blurred vision. If ingested may cause gastrointestinal irritation, headache, nausea, weakness, drowsiness, convulsions, unconsciousness, burning sensation in the mouth, esophagus and stomach. May cause kidney damage. Ventricular fibrillation may also occur. Lung damage may occur if aspirated into the lungs and may be fatal. Product may be absorbed by skin.

This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of the individual ingredients, and those hazards must be assumed to be additive in the absence of complete information. The hazards described in this document have been evaluated on a threshold of 1.0% for all hazardous ingredients and 0.1% for all carcinogens.

Repeated Dose Effects:

This product may cause central nervous system depression after prolonged exposure, if ingested or inhaled.

Carcinogenicity**A: General Product Information:**

Asphalt (8052-42-2) is classified as a group 2B (Possibly carcinogenic to humans) by IARC. This product may cause central nervous system depression after prolonged exposure, if ingested or inhaled.

B: Component Carcinogenicity:**Petroleum Asphalt (8052-42-4)**

ACGIH: A4 - Not Classifiable as a Human Carcinogen
NIOSH: potential occupational carcinogen
IARC: Supplement 7 [1987], Monograph 35 [1985] (Group 3 (not classifiable))

Mutagenicity: No information available for the product.

Teratogenicity: No information available for the product.

Developmental Effects: No information available for the product.

12. ECOLOGICAL INFORMATION**Ecotoxicity****A: General Product Information:**

This product has not been tested.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity:

No ecotoxicity data are available for this product's components.

Environmental Fate:

No information available for the product.

13. WASTE DISPOSAL CONSIDERATIONS**US EPA Waste Number & Descriptions****A: General Product Information:**

If discarded, this product is considered a RCRA ignitable waste, D001. This product contains components identified as hazardous under 40 CFR 261.24.

B: Component Waste Numbers:

No EPA-listed Waste Numbers are being shown for this product's components.

Disposal Instructions:

Waste must be handled in accordance with all federal, state, provincial, and local regulations.

Pressurized Container: May explode when exposed to heat or flame. Do not expose containers to temperatures in excess of 120F. Do not puncture or incinerate containers.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

14. TRANSPORTATION INFORMATION**US DOT Information:**

Shipping Name: Aerosols

UN/NA #: UN1950 **Hazard Class:** 2.1

Required Label(s): Flammable gas

Additional Info.: This product may be shipped as an ORM-D Consumer Commodity if the US DOT regulatory requirements are met.

TDG Information:

Shipping Name: Aerosols
UN/NA #: UN1950 **Hazard Class:** 2.1
Required Label(s): Flammable gas

15. REGULATORY INFORMATION

US Federal

A: General Product Information: No information available.

B: CERCLA :

None of the components of this product are listed under CERCLA (40 CFR 302.4) and present in the material at an amount exceeding the Reportable Quantity (RQ).

Acute Health: Yes **Chronic Health:** No **Fire:** Yes **Pressure:** No **Reactive:** No

State Regulations

A: General Product Information: No information available.

B: Component Analysis – State:

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	MA	MN	NJ	PA	RI
Petroleum Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes
Stoddard solvent	8052-41-3	Yes	Yes	Yes	Yes	Yes	Yes

C: California Safe Drinking Water and Toxics Enforcement Act (Proposition 65)

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer and/or birth defects, or other reproductive harm.

Canadian WHMIS Information

A: General Product Information:

WHMIS Classification: WHMIS Class A - Compressed gas
 WHMIS Class B2 - Flammable Liquid
 WHMIS Class D2B - Irritating to eyes and skin

B: Component Analysis - WHMIS IDL:

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Stoddard solvent	8052-41-3	1 %; English Item 1468; French Item 1498

WHMIS Classification:

WHMIS Classification: WHMIS Class A - Compressed gas
 WHMIS Class B2 - Flammable Liquid
 WHMIS Class D2B - Irritating to eyes and skin

Additional Regulatory Information

A: General Product Information: No additional information available.

B: Component Analysis – Inventory:

Component	CAS #	TSCA	DSL	EINECS
Petroleum Asphalt	8052-42-4	Yes	Yes	Yes
Stoddard solvent	8052-41-3	Yes	Yes	Yes

16. ADDITIONAL COMMENTS

Other Information

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Acronyms/definitions used in this MSDS:

- ACGIH American Conference of Governmental Industrial Hygienists;
- CAS # Chemical Abstracts Services Number;
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act;
- CFR Code of Federal Regulations;
- EPA Environmental Protection Agency;
- HMIS Hazardous Material Identification System;
- IARC International Agency for Research on Cancer;
- LFL Lower Flammable Limit;
- mg/m³ Milligrams per cubic meter;
- NFPA National Fire Protection Association;
- NIOSH National Institute for Occupational Safety and Health;
- NTP National Toxicology Program;
- OSHA Occupational Safety and Health Administration;
- ppm Parts per million;
- PEL Permissible Exposure Limit;
- REL Recommended Exposure Limit;
- SARA Superfund Amendments and Reauthorization Act;
- RCRA Resource Conservation and Recovery Act;
- Title III Emergency Planning and Community Right to Know Act;
- Section 302- Extremely Hazardous Substances;
- Section 313- Toxic Chemicals;
- TLV Threshold Limit Value;
- TWA Time Weighted Average;
- UFL Upper Flammable Limit.

MSDS History

MSDS Revision Summary:

<u>Date</u>	<u>MSDS No.</u>	<u>Comments</u>
06/15/2007	CT 10098-1	New MSDS
11/28/2007	CT 10098-1	Added HMIS information Reformat sections numbering

This is the end of MSDS # CT 10098-1