

# Safety Data Sheet



## inPHusion CM

### **Section 1**                      **Product Description**

Product Name: inPHusion CM (All Colors)  
Recommended Use: Pre Colored Cold Mix Asphalt  
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041  
P: 800.545.9827 • F: 713.329.9065 [www.chemsystemsinc.net](http://www.chemsystemsinc.net)  
Emergency Phone: 1-800-424-9300

### **Section 2**                      **Hazard identification**

**Physical and chemical hazards:** This product is not combustible.  
**Human health hazards:** This product should not present a health hazard when used under reasonable conditions.  
**Environment hazards:** N/A  
**Specific hazards:** N/A  
**UN Classification:** None.  
**European Classification in Accordance with EC Directives 1999/45/EC:** None.

#### **Signal Word**

Warning

#### **Precautionary statements**

##### **Prevention:**

P233 Keep container tightly closed  
P264 Wash skin thoroughly after handling  
P281 Use personal protective equipment as required

### **Section 3**                      **Composition/ Information on Ingredients**

General Chemical Description: This chemical product is a mixture.

Composition, Information on Ingredients:

Chemical Name	Percent (by weight)	CAS No.	EC#
Basalt	85%-93%	N/A	N/A
Asphalt	4%-6%	8052-42-4	232-490-9
Additives	1%	N/A	N/A
Iron Oxide	2%-4%	1332-37-2	215-570-8

### **Section 4**                      **First Aid Measures**

#### **Emergency First Aid Procedures**

**Inhalation:** If inhaled, remove to fresh air. Seek medical aid if cough or other symptoms appear.

**Skin:** If a reaction with skin contact occurs, remove the contaminated clothing. Wash the affected area with water. Get medical aid if irritation develops or persists. Abrasions should be treated promptly with thorough cleansing of the affected area.

**Eyes:** In case of contact, immediately flush eyes with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. DO NOT rub eyes with hand. Check for and remove any contact lenses if easily possible. Get medical aid if symptoms occur.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, get medical aid.

**Most important acute and delayed symptoms/effects:** See Section 11 for more information.

**Protection of first-aiders:** Use proper personal protective equipment as indicated in Section 8.

**Note To Physicians:** Treat symptomatically and supportively.

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## **Section 5**                    **Firefighting Procedures**

**Suitable Extinguishing Media:** Dry chemical water spray, form CO<sub>2</sub>

**Unsuitable Extinguishing Media:** N/A

**Flash Point (TCC):** Non-combustible

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL=N/A

**Special Fire Fighting Procedures:** Exposure to excessive heat greater than 131 °F (55 °C) can cause this product to become unstable and slowly auto oxidize from Fe<sub>3</sub>O<sub>4</sub> to Fe<sub>2</sub>O<sub>3</sub>, which generates additional heat. Under certain conditions the heat may be sufficient to cause combustible materials to ignite.

## **Section 6**                    **Spill or Leak Procedures**

**Steps to Take if Material is Released or Spilled:** Sweep up and place in waste container. Material can be handled as normal solid waste. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

## **Section 7**                    **Handling and Storage**

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

**Waste Disposal Method:** Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Material can be handled as normal solid waste

## **Section 8**                    **Protection Information**

**Respiratory Protection:** Use respirator protection, NIOSH-approved particulate respirator or dust mask depending on exposure level.

**Ventilation:** Ventilation recommended.

**Protective Gloves:** Gloves recommended.

**Eye Protection:** Safety glasses recommended.

**Other Protective Clothing or Equipment:** Coveralls or apron to reduce skin contact and keep personal clothing free of dust.

**Work/Hygienic Practices:** Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## **Section 9**                    **Physical Data**

**Physical State:** Colored viscous solid, with special odor.

**pH:** N/A.

**Melting range:** N/A

**Freezing Point:** N/A

**Boiling Point:** N/A

**Flash Point:** N/A

**Explosive limits, vol%in air:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Relative density of the vapour/air-mixture at 20°C (air=1):** N/A

**Density:** N/A

**Solubility:** N/A

**Octanol/water partition coefficient as log Pow:** N/A

**Auto-ignition Temperature:** N/A

**Decomposition temperature:** N/A

**Odor threshold:** N/A

**Evaporation rate:** N/A

**Viscosity:** N/A

## **Section 10**                    **Reactivity Data**

**Reactivity:** Stable

**Conditions to avoid:** Keep Dry.

**Incompatibility (Materials to Avoid):** Not reactive

**Hazardous Decomposition (Byproducts):** None.

**Hazardous Polymerization:** None.

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## **Section 11**                      **Toxicity Data**

Toxicological Information:

Composition: CAS# 8052-42-4 RTECS# CI9900000

Composition: CAS# 1332-37-2

LD50 : >5000mg/kg (oral, rat)

Skin irritation/corrosion: No date available. Eye irritation/corrosion: No date available. Respiratory or Skin sensitization: No date available.

Reproductive Cell Mutagenicity: No date available. Carcinogenicity: Composition: CAS# 8052-42-4

- ACGIH: A4-Not classifiable as a human carcinogen. IARC: Group 2B-Possibly carcinogenic to humans. Listed as Bitumens, extracts of steam-refined and air-refined. IARC: Group 3-Not classifiable as to carcinogenicity to humans. Listed as Bitumens, steam-refined, cracking-residue and air-refined. Not listed by NTP, or CA Prop 65.

Composition: CAS# 1332-37-2 No data available. Specific target organ toxicity-Single exposure: No date available. Specific target organ toxicity-

Repeated exposure: No date available. Aspiration hazard: No date available. Potential Health Effects:

Eye: No health effects are expected under normal use. Contact may cause eyes mechanical irritation.

Skin: No health effects are expected under normal use. Repeated or prolonged contact may irritate to skin and mucous membranes.

Ingestion: Ingestion of this material is harmful. Inhalation: No health effects are expected under normal use. If inhaled dust, may cause respiratory tract irritation with cough

## **Section 12**                      **Ecological Data**

Ecological testing has not been performed on this product. Dispose of contents and container properly. Do not dump. Contents may cause discoloration in soil and water.

## **Section 13**                      **Disposal Information**

**Waste Disposal Method:** Dispose of contents properly. Dispose of as dry solid waste. Dispose of packaging properly. Recycle packaging.

**RCRA:** not listed.

## **Section 14**                      **Transport Information**

**UN:** Not Classified

**US DOT:** Not Classified

**UN Shipping Class:** Not Classified

**UN Packing Group:** Not Classified

## **Section 15**                      **Regulatory Information**

International Inventories and U.S. Regulations : All components of this product are listed on or are exempt from the following inventories:

**RCRA** This mixture and or its contents are not a hazardous waste if disposal is required.

**CERCLA** Components of this mixture are not CERCLA hazardous substances.

**CONEG** This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury, and Hexavalent Chromium of less than 100 PPM by weight.

**HAP** This mixture does not contain any Hazardous Air Pollutants.

**ODC** This mixture does not contain any Ozone Depleting Compounds.

**TOX** This mixture does not contain any Organic Halogens (EPA 9020)

**CWA (40 CFR 116)** This mixture does not contain a Clean Water Act listed priority pollutant.

**CAA of 1990** This mixture is not made with nor does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act.

**SARA (302)** This mixture does not contain any constituents that are identified as extremely hazardous.

**SARA (311/312)** Not reportable.

**SARA (313)** This mixture does not contain any substances identified under Section 313 as toxic chemicals in Excess of the de minimis concentrations necessary to be subject to this rule.

**CA Prop 65** This product contains a chemical(s) known to the state of California to cause cancer and/or birth defects or other reproductive harm. Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, we are required to provide the above warning in the absence of definitive testing showing that risks from long-term exposure to chemicals present in our formulations do not exist. To the best of our knowledge, this product complies with all Federal and State laws and regulations governing its manufacturing, distribution, and intended use.

## **Section 16**                      **Additional Information**

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

**DISCLAIMER:** Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof