

## MATERIAL SAFETY DATA SHEET

The following is the required Materials Data sheet for the safe handling and usage of the Thermal Comfort Paint Additive supplied by The Healthy Home Limited.

This fact sheet is a required declaration. Please contact us directly for any additional information or if you are unsure in any way.

### Summary

The powder is inert, non combustible and non-toxic.

As a very fine powder it can irritate through eye contact or if inhaled, so please use reasonable precautions. These would include mixing the powder into the paint in a well ventilated place, using eye protection and a dust mask; These are reasonable precautions when decorating in any case.

In the case of spillage spray with wet water and then wet-brush into a sealed container.

The product has an indefinite shelf life in a sealed container. Once mixed with paint the shelf life is dependent on the paint

### First Aid Summary

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Thermal Comfort Paint Additive

**SUPPLIED BY:** The Healthy Home Limited

**ADDRESS:**

34 Deerstone Ridge

Wetherby

Leeds

LS22 7XN

**Issue Date:** 07/01/2008

**Supersedes Date:** 07/01/2008

**Product Use:**

Intended Use: Lightweight Filler

## SECTION 2: INGREDIENTS

Synthetic amorphous silica



## SECTION 3: HAZARDS IDENTIFICATION

### 3.1 EMERGENCY OVERVIEW

**Specific Physical Form:** Low density fine powder (< 200 microns)

**Odour, Colour, Grade:** white, odourless

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:**

### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

**Skin Contact:**

Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

## SECTION 4: FIRST AID MEASURES

### 4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 FLAMMABLE PROPERTIES

**Autoignition temperature** *Not Applicable*

**Flash Point** *Not Applicable*

**Flammable Limits - LEL** *Not Applicable*

**Flammable Limits - UEL** *Not Applicable*

### 5.2 EXTINGUISHING MEDIA

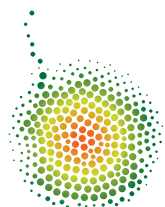
Non-combustible. Choose material suitable for surrounding fire. Material will not burn.

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** No unusual fire or explosion hazards are anticipated.

**Note:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.



## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Observe precautions from other sections.

Ventilate the area with fresh air. Collect as much of the spilled material as possible.  
Use wet sweeping compound or water to avoid dusting. Sweep up. Clean up residue. Place in a closed container.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 HANDLING**

Avoid breathing of airborne material. Do not eat, drink or smoke when using this product.  
Wash exposed areas thoroughly with soap and water. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

### **7.2 STORAGE**

Store under normal warehouse conditions.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 ENGINEERING CONTROLS**

Use with appropriate local exhaust ventilation. Provide local exhaust ventilation at transfer points. Conduct air monitoring to determine adequacy of ventilation. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

### **8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

#### **8.2.1 Eye/Face Protection**

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields.

#### **8.2.2 Skin Protection**

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Neoprene, Nitrile Rubber.

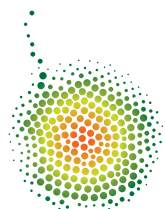
#### **8.2.3 Respiratory Protection**

Avoid breathing of dust.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half face piece or full-face air-purifying respirator with N95 particulate filters.

#### **8.2.4 Prevention of Swallowing**

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Specific Physical Form:** Low density fine powder (< 200 microns)

**Odor, Color, Grade:** white, odorless

**General Physical Form:** Solid

**Autoignition temperature** *Not Applicable*

**Flash Point** *Not Applicable*

**Flammable Limits - LEL** *Not Applicable*

**Flammable Limits - UEL** *Not Applicable*

**Boiling point** *Not Applicable*

**Vapor Density** *Not Applicable*

**Vapor Pressure** *Not Applicable*

**Melting point** *No Data Available*

**Solubility in Water** Negligible

**Evaporation rate** *Not Applicable*

**Volatile Organic Compounds** *Not Applicable*

**VOC Less H<sub>2</sub>O & Exempt Solvents** *Not Applicable*

**Viscosity** *Not Applicable*

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application.

