

MATERIAL SAFETY DATA SHEET

MSDS IDENTIFICATION NAME: TYFO® VG Dash Coat
MSDS NUMBER: TYFO-VG-DASHCOAT-001

DATE: 06/17/10 **PAGE:** 1 OF 4
SUPERSEDES: 06/1998

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER:
FYFE CO. LLC
8380 Miralani Dr
San Diego, CA 92126

EMERGENCY TELEPHONE NUMBER:
800-424-9300 or 703-527-3887
INFORMATION TELEPHONE NUMBER:
858-642-0694

PRODUCT IDENTIFICATION NUMBER: TYFO® Dash Coat
CHEMICAL FAMILY: Portland cement plaster/ cementitious spatter coat; Type DK
CHEMICAL FORMULA: Blend of Portland Cement, Vermiculite and minor amounts of other additives.

SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	CAS NUMBER	% BY WEIGHT	OSHA(PEL)	ACGIH(TLV)
Portland Cement	65997-15-1	--	15 mg/m ³ (Total) 5 mg/m ³ (Respirable)	1.0 mg/m ³ (Respirable)
Vermiculite (refined and exfoliated)	1318-00-9	--	15 mg/m ³ (Total)	5 mg/m ³ (Respirable)
Other Additives	N/A	Minor	Not Established	Not Established

This product and in particular the Portland Cement may contain variable amounts of free silica and other minerals in dust form which may become airborne during jobsite handling prior to adding water. Jobsite dust could assay more than 1% free silica which would require a reduction of the 15 mg./m³ Total Dust and the 0.5 mg./m³ Respirable Dust TLV per 29 CFR 1910.1000 Table 2 & 3.

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE AND ODOR: cement-like grey powder. Looks like insulation.

PRIMARY ROUTE OF EXPOSURE:

EYES--YES SKIN CONTACT--YES INHALATION--YES INGESTION--NO

HMIS RATING:

HEALTH--1 FLAMMABILITY--0 REACTIVITY--0 SPECIAL--NONE

POTENTIAL HEALTH EFFECTS:

INHALATION: Dust can cause inflammation and irritate the upper respiratory system. Portland cement wetted by bodily fluids can cause alkali burns.

EYES: Direct eye contact with dust will cause physical or chemical irritation and inflammation of the cornea.

SKIN: Prolonged or repeated skin contact may cause dry skin and alkali burns.

INGESTION: Unlikely route of exposure. Adverse effects from ingestion may result.

SECTION IV: FIRST AID MEASURES

INHALATION: If respiratory irritation develops, move to fresh air.

EYES: If eyes become irritated, flush with water. Consult a physician if irritation, tearing, or blinking persists.

SKIN: Wash affected area of contact thoroughly with soap and water. Consult a physician if irritation persists.

INGESTION: Consult a physician immediately. Never give anything by mouth to an unconscious person.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT: None

LEL: None **UEL:** None

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None

PERSONAL PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus (pressure-demand NIOSH approved or equivalent) and full protective gear.

SECTION VI: ACCIDENTAL RELEASE MEASURES

PROCEDURES IN CASE OF ACCIDENTAL RELEASE OF LEAKAGE: Clean up personnel should be equipped with rubber gloves, face mask and protective clothing. Minimize creating airborne dust. Dust suppressing cleaning methods such as wet sweeping or vacuuming should be used to clean the work area. Compressed air should not be used for cleaning. Collect in suitable container. **Always dispose of waste materials in accordance with all State, Federal and Local Regulations.**

SECTION VII: HANDLING AND STORAGE

RECOMMENDED STORAGE CONDITIONS: Store in a cool, dry place with adequate ventilation. Store in closed containers.

HANDLING (PERSONNEL): Use adequate ventilation. Local exhaust recommended to reduce dust levels. Goggles are required for application of wet mix ingredients and where exposure to excessive dust is likely. Do not use compressed air for clean-up.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust ventilation to reduce dust levels.

RESPIRATORY PROTECTION: Avoid prolonged exposure to dust. Use a NIOSH approved respirator when working in confined areas to prevent overexposure to dust. NIOSH Type TC-21C-XXX.

PROTECTIVE CLOTHING: Minimize contact to skin or clothing. Wear gloves, head coverings, boots and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used.

EYE PROTECTION: Wear chemical safety goggles or other forms of eye protection in compliance with appropriate OSHA standards to prevent eye irritation when applying wet ingredients or in presence of excessive dust.

Expanded Vermiculite is one of the mix ingredients. Vermiculite ore bodies also contain naturally occurring minerals in addition to vermiculite. These include tremolite and actinolite. Both of these minerals occur in two forms: fibrous, which is asbestosform, and massive, which is non-abestosform. The ore that we process has been tested by qualified environmental service and test groups to assure that there are "No Detectable levels of Asbestos Present."

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR	Dark grey powder mixture
EVAPORATION RATE (BAC = 1)	Not Applicable
BOILING POINT (°F/°C)	None
VAPOR PRESSURE (mm Hg.)	Not Applicable
VAPOR DENSITY (AIR-1)	Not Applicable
BULK DENSITY	12 - 20
pH VALUE (in WATER)	7-9
SPECIFIC GRAVITY	Not Applicable
PERCENT (%) VOLATILE	Not Applicable
SOLUBILITY IN WATER	Slight

SECTION X: STABILITY AND REACTIVITY

STABILITY: Stable under normal handling and storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY CONDITIONS TO AVOID: Direct exposure to excess heat from flame.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Excessive heat may release sulfur dioxide as decomposition product.

SECTION XI: TOXICOLOGICAL INFORMATION

No Data Available.

SECTION XII: ECOLOGICAL INFORMATION

Marine Pollutant: NL (NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT: To prevent materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended. Dispose of material in accordance with local, state and federal regulations.

SECTION XIV: TRANSPORTATION INFORMATION

Surface Freight Classification: Wall Plaster
USA DOT CLASS: Nonhazardous

SECTION XV: OTHER INFORMATION

EXPLANATION AND DISCLAIMER: Wherever such words or phrases as "hazardous," "toxic," "carcinogen," appear herein, they are used as defined or described under state employee right-to-know laws, Federal OSHA laws or the direct sources for these laws such as the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), etc. The use of such words or phrases should not be taken to mean that we deem or imply any substance or exposure to be toxic, hazardous or otherwise harmful. ANY EXPOSURE CAN ONLY BE UNDERSTOOD WITHIN THE ENTIRE CONTEXT OF ITS OCCURRENCE, WHICH INCLUDES SUCH FACTORS AS THE SUBSTANCE'S CHARACTERISTICS AS DEFINED IN THE MSDS, AMOUNT AND DURATION OF EXPOSURE, OTHER CHEMICALS PRESENT AND PREEXISTING INDIVIDUAL DIFFERENCES IN RESPONSE TO THE EXPOSURE.

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APPROVED AND AUTHORIZED BY: *Edward R. Fyfe*