

Telephone (704) 987-4555  
8935 NorthPointe Executive Park Dr.  
Huntersville, NC 28078  
www.irwin.com

**YELLOW CHALK – HI-VIS**

**SECTION 1 – IDENTIFICATION OF PRODUCT**

**TRADE NAME:** YELLOW CONSTRUCTION CHALK

**CI NAME:** N/A

**COMPOSITION:**

| Component                                | CAS No.    | %        |
|--|------------|----------|
| Yellow Iron Oxide-Pigment Yellow 42      | 51274-00-1 | 5-25     |
| Calcium Carbonate                        | 471-34-1   | 75-95    |
| Silica-Crystalline Quartz <sup>(1)</sup> | 14808-60-7 | 0.01-1.5 |

(1) Calcium carbonate may contain crystalline silica at levels between 0.01% - 1.50% and varies naturally.

**SUPPLIER:** DELTA COLOURS INC.  
**MANUFACTURER:** DELTA COLOURS INC.  
6369 PEACHTREE ST NE  
NORCROSS, GA 30071

**EMERGENCY TELEPHONE NO:** 770-277-8819 or 800-866-6981

DATE PREPARED – 03/15/2007

**SECTION 2 – HAZARDOUS INGREDIENTS**

NO KNOWN HAZARDOUS COMPONENTS

**SECTION 3 – PHYSICAL DATA**

**APPEARANCE:** YELLOW POWDER  
**ODOR:** NONE  
**SOLUBILITY IN WATER:** 0.3%  
**BULK DENSITY:** N/A

**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

**EXTINGUISHING MEDIA:** WATER, DRY CHEMICAL, CARBON DIOXIDE, AND FOAM.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** PRODUCT IS PRODUCED TO MINIMIZE DUSTING, BUT SINCE MOST POWDERED PRODUCTS AS DUSTS CAN FORM EXPLOSIVE MIXTURES WITH AIR, HANDLE TO AVOID DUSTING CONDITIONS. PRODUCT NOT CONSIDERED A FIRE HAZARD, BUT MAY BURN OR SMOLDER IF IGNITED.

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**SECTION 5 – REACTIVITY HAZARDS AND INFORMATION**

**STABILITY:** STABLE

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

**SECTION 6 – HEALTH HAZARDS AND INFORMATION**

**EYE CONTACT:** DIRECT EYE CONTACT MAY CAUSE IRRITATION BY MECHANICAL ABRASION.

**SKIN CONTACT:** DIRECT EYE CONTACT MAY CAUSE IRRITATION BY MECHANICAL ABRASION.

**EFFECTS OF CHRONIC OVEREXPOSURE:** AS TRUE WITH ANY MINERAL PRODUCT, LONG TERM OVEREXPOSURE TO HIGH CONCENTRATIONS OF DUST WITHOUT THE USE OF A DUST MASK MAY PRODUCE X-RAY EVIDENCE OF RESPIRATORY DYSFUNCTION IN SOME INDIVIDUALS.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** INHALING RESPIRABLE DUST MAY AGGRAVATE EXISTING RESPIRATORY SYSTEM DISEASE(S) AND/OR DYSFUNCTION. EXPOSURE TO DUST MAY AGGRAVATE EXISTING SKIN AND OR EYE CONDITIONS.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING, USE/DISPOSAL**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** SPILLS SHOULD BE CLEANED UP USING SPECIAL VACUUM CLEANERS OR WET MOPPING. IF THESE METHODS ARE NOT FEASIBLE, THE BULK OF THE SPILL MAY BE SWEEPED UP TAKING CARE TO AVOID EXPOSURE TO DUSTS. RESIDUES AND MINOR QUANTITIES OF DYES MAY BE FLUSHED TO A DRAIN IF ACCEPTABLE TO THE WASTEWATER TREATMENT PLANT. FOLLOW ALL PRECAUTIONS FOR HANDLING THIS PRODUCT WHEN DEALING WITH SPILLS.

**WASTE DISPOSAL METHOD:** SPILLED MATERIALS SHOULD BE RETURNED TO USE, IF POSSIBLE. IF NOT, WASTE MATERIAL MAY BE DUMPED OR INCINERATED UNDER CONDITIONS WHICH MEET ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

**SECTION 8 – CONTROL AND PROTECTIVE MEASURES – SPECIAL USE PRECAUTIONS**

**RESPIRATORY PROTECTION:** AN APPROPRIATE NIOSH APPROVED RESPIRATOR OR DUST SHOULD BE WORN WHEN HANDLING THIS PRODUCT.

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**VENTILATION:** USE OF LOCAL VENTILATION IS SUGGESTED WHEN USING THIS PRODUCT. HOWEVER, USE OF GOOD GENERAL VENTILATION IS ACCEPTABLE.

**EYE PROTECTION:** WEAR SAFETY GLASSES WITH SIDE SHIELDS.

**OTHER PROTECTIVE EQUIPMENT:** WEAR IMPERMEABLE RUBBER OR PLASTIC GLOVES. WEAR A RUBBER OR PLASTIC APRON. WEAR NORMAL WORK CLOTHES – LONG SLEEVED SHIRT AND PANTS – CLEAN EVERY SHIFT.

**OTHER PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** STORE WITH CONTAINER CLOSED IN A DRY PLACE AWAY FROM EXCESSIVE HEAT AND OPEN FLAMES. AVOID UNNECESSARY PERSONAL CONTACT.

***SECTION 9 – EMERGENCY FIRST AID INFORMATION***

**INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

**INGESTION:** GET IMMEDIATE MEDICAL ATTENTION.

**SKIN:** WASH SKIN CONTACT WITH SOAP AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

**EYES:** IMMEDIATELY FLUSH EYE CONTACT WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES AND THEN GET MEDICAL ATTENTION.

***SECTION 10 – TRANSPORTATION INFORMATION***

**DOT HAZARD CLASSIFICATION:** NOT REGULATED BY DOT

***SECTION 11 – LABEL INFORMATION***

**DO NOT GET ON SKIN OR IN EYES.**

**RESPIRATORY PROTECTION:** AN APPROPRIATE NIOSH APPROVED RESPIRATOR FOR DUST SHOULD BE WORN.

| <b>CAS#</b> | <b>COMPONENTS</b>         |
|-------------|---------------------------|
| 51274-00-1  | PIGMENT YELLOW 42         |
| 471-34-1    | CALCIUM CARBONATE         |
| 14808-60-7  | SILICA-CRYSTALLINE QUARTZ |

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.



## MATERIAL SAFETY DATA SHEET

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**INGESTION:** GET IMMEDIATE MEDICAL ATTENTION.

**SKIN:** WASH SKIN CONTACT WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

**EYES:** IMMEDIATELY FLUSH EYE CONTACT WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES AND THEN SEEK MEDICAL ATTENTION.

**GOOD INDUSTRIAL PRACTICE:** IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE, AVOID ALL PERSONAL CONTACT. WEAR WORK CLOTHES WITH LONG SLEEVES, CLEAN EVERY SHIFT. WEAR GOGGLES OR SIDE SHIELD SAFETY GLASSES, IMPERMEABLE GLOVES AND APRON. FOR GOOD HYGIENE A SHOWER AT THE END OF EVERY SHIFT IS RECOMMENDED. WASH WELL BEFORE EATING.

**DISPOSAL:** DISPOSE OF SPILLED PRODUCT, EMPTY CONTAINERS AND UNUSED PRODUCT IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

**EMPTY CONTAINERS:** RESIDUES OF THIS PRODUCT MAY REMAIN IN EMPTIED CONTAINERS. CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND RECONDITIONING. EMPTY CONTAINERS SHOULD BE RINSED BEFORE DISPOSAL. FOLLOW ALL PRECAUTIONS ON LABEL WHEN DEALING WITH EMPTY CONTAINERS.

**ATTENTION:** FOR MANUFACTURING USE ONLY. REFER TO OUR MATERIAL SAFETY DATA SHEET (MSDS) FOR COMPLETE DETAILS.

### ***SECTION 12 – ENVIRONMENTAL EFFECTS INFORMATION***

NO SIGNIFICANT HARMFUL ENVIRONMENTAL EFFECTS ARE KNOWN.

### ***SECTION 13 – REFERENCES***

NONE

### ***SECTION 14 – FEDERAL AND STATE REGULATORY INFORMATION***

NOT CLASSIFIED AS HAZARDOUS MATERIAL PER 40 CFR 261.24 OR 261.3

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