

AROK INC. MSDS*Index***Irwing Co.**

Chalk-Orange

IRWIN – STRAIT-LINE MARKING CHALK (FLUORESCENT ORAN
MATERIAL SAFETY DATA SHEET

NSN: 751000N026889

Manufacturer's CAGE: 1JU00

Part No. Indicator: A

Part Number/Trade Name: STRAIT-LINE MARKING CHALK (FLUORESCENT ORAN

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General Information
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Company's Name: IRWIN CO

Company's Street: 92 GRANT ST

Company's City: WILMINGTON

Company's State: OH

Company's Country: US

Company's Zip Code: 45177

Company's Emerg Ph #: 513-382-3811

Company's Info Ph #: 513-382-3811

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 11APR91

Safety Data Review Date: 10JUL95

Supply Item Manager: CX

MSDS Preparer's Name: DARYL HENRY

Preparer's Company: SAME

MSDS Serial Number: BMTDK

Hazard Characteristic Code: N1
=====**Ingredients/Identity Information**
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Proprietary: NO

Ingredient: CALCIUM CARBONATE. LD50:(ORAL,RAT)6450 MG/KG

Ingredient Sequence Number: 01

Percent: 91

NIOSH (RTECS) Number: EV9580000

CAS Number: 1317-65-3

OSHA PEL: 15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST
=====**RECEIVED**
AK 6/9/03

Proprietary: NO

Ingredient: SILICA, CRYSTALLINE - QUARTZ

Ingredient Sequence Number: 02

Percent: <2.0

NIOSH (RTECS) Number: VV7330000

CAS Number: 14808-60-7

OSHA PEL: SEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST,9293
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Proprietary: NO
Ingredient: ARSENIC
Ingredient Sequence Number: 03
Percent: <1 PPM
NIOSH (RTECS) Number: CG0525000
CAS Number: 7440-38-2
OSHA PEL: 0.5 MG/M3 (AS)
ACGIH TLV: 0.01,A1 MG/M3; 9394

Proprietary: NO
Ingredient: LEAD
Ingredient Sequence Number: 04
Percent: <1 PPM
NIOSH (RTECS) Number: OF7525000
CAS Number: 7439-92-1
OSHA PEL: 0.05 MG/M3
ACGIH TLV: 0.15 MG/M3;DUST

Proprietary: NO
Ingredient: DYED TOLUENE SULFAMIDE RESIN
Ingredient Sequence Number: 05
NIOSH (RTECS) Number: 1007678DT
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics

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Appearance And Odor: ODORLESS ORANGE POWDER.
Boiling Point: N/A
Melting Point: >1500F,>816
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: 2.70-2.71
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: <0.0002(TRACE)
pH: SUPDAT

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Fire and Explosion Hazard Data

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Flash Point: NOT APPLICABLE
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: HAZARDOUS COMBUSTION PRODUCT: FORMALDEHYDE.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE.
Materials To Avoid: STRONG OXIDIZING AGENTS.
Hazardous Decomp Products: CO*2.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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 LD50-LC50 Mixture: SEE INGREDIENT
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: NO
 Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: ACUTE/CHRONIC: RESPIRATORY IRRITATION FROM EXPOSURE TO DUST OVER RECOMMENDED LEVELS.
 Carcinogenicity - NTP: YES
 Carcinogenicity - IARC: YES
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: SILICA-CRYSTALLINE QUARTZ: GROUP 2A (IARC); GROUP 2 (NTP)
 Signs/Symptoms Of Overexp: EYE IRRITATION UPON CONTACT. INHAL: RESPIRATORY IRRITANT. SKIN/INGEST:NO KNOWN HAZARD.
 Med Cond Aggravated By Exp: PERSONS SUFFERING FROM CHRONIC RESPIRATORY DISEASES MAY BE @ INCREASED RISK WHEN EXPOSED TO DUST OVER RECOMMENDED LEVELS.
 Emergency/First Aid Proc: EYE:FLUSH WITH WATER FOR AT LEAST 15 MIN; CONTACT PHYS. SKIN:WASH WITH MILD SOAP AND WATER. INHAL:REMOVE TO FRESH AIR. SUPPORT BRTHG. (GIVE O*2/ARTF RESP) (FP N). INGEST: CALL MD (FP N).
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Precautions for Safe Handling and Use

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 Steps If Matl Released/Spill: IF MATERIAL IS NOT CONTAMINATED, SCOOP INTO CLEAN CONTAINER FOR USE; IF CONTAMINATED, SCOOP OR VACUUM INTO RECEPTACLE FOR DISPOSAL.
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
 Waste Disposal Method: DISPOSE OF AS NON-HAZARDOUS SOLID WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
 Precautions-Handling/Storing: STORE IN VENTILATED, COOL DRY PLACE.
 Other Precautions: NONE.
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Control Measures

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 Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR DUSTS WHEN EXPOSED TO DUSTS OVER RECOMMENDED LEVELS.
 Ventilation: ADEQUATE TO CONTROL DUSTING.
 Protective Gloves: IMPERVIOUS GLOVES (FP N).
 Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
 Other Protective Equipment: NONE REQUIRED.
 Work Hygienic Practices: WASH CONTAMINATED SKIN WITH SOAP AND WATER.
 Suppl. Safety & Health Data: PH: 8.6-8.8.
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Transportation Data

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 Trans Data Review Date: 92141
 DOT PSN Code: ZZZ
 DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 IMO PSN Code: ZZZ
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
 IATA PSN Code: ZZZ
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 AFI PSN Code: ZZZ
 AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 Additional Trans Data: NOT REGULATED FOR TRANSPORTATION
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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 26FEB92
Label Date: 20FEB92
Label Status: G
Common Name: STRAIT-LINE MARKING CHALK (FLUORESCENT ORANGE)
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
RESPIRATORY IRRITATION FROM EXPOSURE TO DUST OVER RECOMMENDED LEVELS. EYE IRRITATION UPON EYE CONTACT. CHRONIC: CANCER HAZARD. CRYSTALLINE SILICA QUARTZ IS LISTED AS A CARCINOGEN.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: IRWIN CO
Label Street: 92 GRANT ST
Label City: WILMINGTON
Label State: OH
Label Zip Code: 45177
Label Country: US
Label Emergency Number: 513-382-3811

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