

MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY
CALL CERAMIC COLOR:
1-412-846-4000

CERAMIC COLOR & CHEMICAL HI
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NEW BRIGHTON, PA 15066
(412)846-4000

EFFECTIVE DATE: 8/29/94
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TRADE NAME: TIN OXIDE VS GRADE

1. GENERAL INFORMATION

CHEMICAL NAME
TIN (IV)-OXIDE

CHEMICAL FAMILY
TIN (IV)-OXIDE

CAS-NR: 18282-10-5

CHEMICAL FORMULA
SN O2

D.O.T. HAZARD CLASSIFICATION
NON-HAZARDOUS

II. HAZARDOUS INGREDIENTS

HAZARDOUS CHEMICALS MARKED WITH * ARE SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF SARA, TITLE III

PRINC. HAZARDOUS COMPONENTS / CAS-NO / % / TLV (UNITS)

TIN, INORGANIC COMPOUNDS, (AS TIN)
18282-10-5 > 78.00 2.0000 MG/M3 (ACGIH)

III. PHYSICAL DATA

	METHOD/REMARKS
BOILING POINT	NI
SPECIFIC GRAVITY (H ₂ O = 1.0)	CA 6.900
VAPOR PRESSURE (MM HG) (°C)	NA
PERCENT VOLATILE BY VOLUME	NI
VAPOR DENSITY (AIR = 1)	NA
EVAPORATION RATE (ETHER = 1)	NA

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TRADE NAME: TIN OXIDE V8 GRADE

SOLUBILITY IN WATER

(°C)

INSOLUBLE

PH 100%

(°C)

NA

APPEARANCE AND ODOR: WHITE POWDER/ODORLESS

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)

NA

AUTO IGNITION TEMP

NA

FLAMMABLE LIMITS IN AIR (% BY VOLUME)

NA

EXTINGUISHING MEDIA
NOT APPLICABLE

SPECIAL FIRE FIGHTING PROCEDURES
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS
NONE

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:
CARCINOGEN:

NOT ESTABLISHED
NO

EFFECTS OF EXPOSURE

EYE CONTACT:

NO SPECIAL EFFECTS HAVE BEEN OBSERVED

SKIN CONTACT:

NO SPECIAL EFFECTS HAVE BEEN OBSERVED

INHALATION OF VAPORS:

IN CASE OF EXCEEDED TLV THE PRODUCT IS HARMFUL BY
INHALATION.

PRIMARY ROUTE(S) OF ENTRY:

INHALATION

FIRST AID PROCEDURES

INHALATION:

REMOVE INDIVIDUAL FROM SITE OF EXPOSURE TO FRESH AIR.

INGESTION:

NO SPECIAL FIRST AID MEASURES REQUIRED.

EYE CONTACT:

FLUSH IMMEDIATELY WITH LARGE QUANTITIES OF WATER.

SKIN CONTACT:

WASH OFF WITH SOAP AND WATER

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VI. REACTIVITY DATA

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HAZARDOUS POLYMERIZATION CONDITION TO AVOID:	MAY OCCUR: NO	WILL NOT OCCUR: YES
NONE		

VII. ENVIRONMENTAL PROTECTION PROCEDURES

VII. ENVIRONMENTAL PROTECTION PROCEDURES

WASTE DISPOSAL METHOD
IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
DEPOSIT ON AUTHORIZED, SUITABLE DUMP SITE.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION RECOMMENDED	
LOCAL EXHAUST:	NO
MECHANICAL (GENERAL):	YES

OTHER PROTECTIVE EQUIPMENT
NONE REQUIRED

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IX. SPECIAL PRECAUTIONS

HANDLING AND STORAGE

AVOID FORMATION OF DUST.

OTHER PRECAUTIONS

WASH HANDS BEFORE BREAKS AND AT THE END OF WORKING.

FURTHER INFORMATION

NONE

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE, WE MAKE NO WARRANTY WITH RESPECT HERETO AND DISCLAIM ALL LIABILITY FROM RELIANCE THEREON.

NA = NOT APPLICABLE

NH = NOT MEASURED