



Chemical Name: Soldering Paste

Manufacturer: Solderlene

Container size: 4oz.

Location: VLA

Disposal: Place empty container in trash.

Highside Chemicals, Inc.

NFPA

Solderlene

0



SECTION 1 : Chemical Product and Company Identification

MSDS Name: Solderlene

Manufacturer Name: Highside Chemicals, Inc.

Address:

11114 REICHHOLD ROAD
GULFPORT, MS 39503

IN CASE OF AN EMERGENCY CALL 1-800-255-3924

Business Phone: (228)-896-9220

For information in North America, call: (228)-896-9220

Manufacturer MSDS Revision Date:

03/01/2007

Supersedes: 10/6/91

Trade Names:

SOLDERLENE®

Chemical Formula: MIXTURE

NFPA

Health: 2

Flammability: 1

Reactivity: 0

Other:

CHEMICAL NAME: MIXTURE

THIS MSDS COMPLIES WITH 29 CFR 1900.1200.

Product Codes:

30004, 30016



TOP

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#		
ZINC CHLORIDE	7646-85-7		

OSHA PEL TWA: 1 mg/m³ FOR FUMES
OSHA STEL/Ceiling: STEL: 2 mg/m³
ACGIH TLV TWA: 1 mg/m³ FOR FUMES
ACGIH STEL/Ceiling: STEL: 2 mg/m³

THIS PRODUCT CONTAINS ZINC CHLORIDE WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

Chemical Name	CAS#		
AMMONIUM CHLORIDE	12125-02-9		

OSHA PEL TWA: 10 mg/m³
OSHA STEL/Ceiling: STEL: 20 mg/m³
ACGIH TLV TWA: 10 mg/m³
ACGIH STEL/Ceiling: STEL: 20 mg/m³

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY.



TOP

SECTION 3 : Physical And Chemical Characteristics

Color:

YELLOW

Odor:

MILD PETROLEUM ODOR

Vapor Pressure:

(mmHg): NO DATA AVAILABLE

Vapor Density:

(AIR > 1): NO DATA AVAILABLE

Boiling Point:

NO DATA AVAILABLE

Melting Point:

38 - 60 deg C (100 - 140 deg F)

Solubility:

IN WATER: INSOLUBLE

Specific Gravity:

(H₂O = 1): 0.815 - 0.880

Evaporation Point:

(n-Butyl Acetate = 1): NO DATA AVAILABLE

Percent Volatile:

(BY WT.): NEGLIGIBLE

FlashPoint:

199 deg C (415 deg F)

Auto Ignition Temp:

NO DATA AVAILABLE

Upper Flammable Explosive Limit:

NO DATA AVAILABLE

Lower Flammable Explosive Limit:

NO DATA AVAILABLE



TOP

SECTION 4 : Fire And Explosion Hazards

Flash Point:

199 deg C (415 deg F)

Flash Point Method:

ASTM D 92

Upper Flammable or Explosive Limit: NO DATA AVAILABLE

Lower Flammable or Explosive Limit: NO DATA AVAILABLE

Auto Ignition Temperature: NO DATA AVAILABLE

Extinguishing Media:

USE WATER FOG, FOAM, CO2 OR DRY CHEMICAL EXTINGUISHING MEDIA.

Fire Fighting Instructions:

FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND TURN OUT GEAR. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP EXPOSED CONTAINERS COOL.

NFPA

Health: 2

Flammability: 1

Reactivity: 0

Other:

Unusual Fire Hazards:

AVOID ALL SOURCES OF IGNITION - HEAT, SPARKS, OPEN FLAME.



TOP

SECTION 5 : Health Hazards

Applies to all ingredients:

Route of Exposure:

INHALATION, INGESTION, EYE AND SKIN CONTACT.

Carcinogenicity:

NO CONSTITUENT OF THIS PRODUCT IS LISTED BY OSHA, NTP, OR IARC.

ZINC CHLORIDE:

Chronic Health Effects:

THE CHRONIC EFFECTS OF OVEREXPOSURE TO ZINC CHLORIDE COULD RESULT IN PERMANENT DISABILITY.



TOP

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

IMMEDIATELY RINSE WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

Skin Contact:

WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. IF IRRITATION DEVELOPS, GET

MEDICAL ATTENTION.

Inhalation:

IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR, IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

Ingestion:

IF INGESTED, DO NOT INDUCE VOMITING; CALL A PHYSICIAN IMMEDIATELY.



TOP

SECTION 7 : Reactivity Data

Chemical Stability:

STABLE.

Hazardous Polymerization:

CANNOT OCCUR.

Hazardous Decomposition Products:

UNDER FIRE CONDITIONS: AMMONIA, ZINC CHLORIDE FUMES, HYDROGEN CHLORIDE, CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, AND OTHER DECOMPOSITION PRODUCTS MAY FORM IN THE CASE OF INCOMPLETE COMBUSTION.



TOP

SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT SPILL HAS OCCURRED.

Large Spill:

SPILL SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINERS FOR DISPOSAL.

Small Spill:

SPILL SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINERS FOR DISPOSAL.

Waste Disposal:

SMALL AND LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

DOT:

(49 CFR 172): NOT REGULATED

POISON CONSTITUENT: NONE

BILL OF LADING: FLUX, SOLDERING, NOI IT 71695

INTERNATIONAL (UN/NA CODE): NONE



TOP

SECTION 9 : Control Measures

Ventilation System:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Hand Protection Description:

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS NEOPRENE.

Eye/Face Protection:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

Respiratory Protection:

IF WORK PLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SECTION 2), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL, ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Other Protective:

TO PREVENT REPEATED EXPOSURE OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING OR BOOTS.



SECTION 10 : Other Information

Applies to All Ingredients:

TSCA 8(b): Inventory Status

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY.

CERCLA Section 103:

EPA REGULATION 302 (CERCLA SECTION 102): NO REPORTABLE QUANTITY (RQ) FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

Section 302:

EPA REGULATION CFR 355 (SARA SECTION 301-302): NO THRESHOLD PLANNING QUANTITY FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

Section 312 Hazard Category:

EPA REGULATION 40 CFR 370 (SARA SECTIONS 311-312): NOT APPLICABLE FOR PRODUCT.

OSHA 29 CFR 1200:

THIS MSDS COMPLIES WITH 29 CFR 1900.1200.

ZINC CHLORIDE:

Section 313 Toxic Release Form:

EPA REGULATION 40 CFR 372 (SARA SECTION 313): CONTAINS A REPORTABLE CHEMICAL, ZINC CHLORIDE.

THIS PRODUCT CONTAINS ZINC CHLORIDE WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

THE ABOVE INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.

NFPA:

Fire Hazard: 1

Health: 2

Reactivity: 0

MSDS Revision Date:

03/01/2007

Supersedes: 10/6/91

Disclaimer:

WHILE HIGHSIDE CHEMICALS, INC. BELIEVES THE DATA SET FORTH HEREIN ARE ACCURATE AS OF THE DATE HEREOF, HIGHSIDE CHEMICALS, INC. MAKES NO WARRANTY WITH RESPECT THERETO AND EXPRESSLY DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. SUCH DATA ARE OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION, AND VERIFICATION.

Copyright© 1996-2009 Actio Corporation. All Rights Reserved.