

SUPER COLD GALV (BULK)

MATERIAL SAFETY DATA SHEET

01/11/00

MSDS PROVIDED BY:
STOODY INDUSTRIAL AND WELDING SUPPLY, INC.
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Phone: (619) 234-6750
MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

VERSION DATE 03/11/98 (REPRODUCED SIWS)

PASTEWELD SOLDER PAINT**SECTION 1****PRODUCT IDENTIFICATION**

COMPANY NAME WHO PROVIDED MSDS..... HARRIS WELCO. DIV. OF J.W. HARRIS CO., INC.
COMPANY ADDRESS..... 1051 YORK RD
KINGS MOUNTAIN, NC 28086
EMERGENCY PHONE NUMBER..... (800)-424-9300
MSDS VERSION NUMBER..... 2
TRADE NAME..... PASTEWELD SOLDER PAINT
HAZARD RATING (HMIS)..... HEALTH - 2
FLAMMABILITY - 2
REACTIVITY - 1
OTHER - 1
HMIS DESIGNATED KEY..... 4 - SEVERE HAZARD
3 - SERIOUS HAZARD
2 - MODERATE HAZARD
1 - SLIGHT HAZARD
0 - MINIMAL HAZARD

SECTION 2**HAZARDOUS COMPONENTS**

<u>MATERIAL</u>	<u>% BY WEIGHT</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV (Mg/M3)</u>	<u>SEC 313</u>
*ZINC	75	7440-66-6		10 MG/CU.M	YES
SILICA, AMORPHOUS	NON ESTABL	112945-52-5		NON ESTABLISHED	YES
NAPTA (PETROLEUM)	NON ESTABL	64742-48-9		NON ESTABLISHED	NA
*ZINC OXIDE	5	1314-13-2		10 MG/CU.M	YES
STODDARD SOLVENT	NON ESTABL	8052-41-3		100 PPM	NA

* SEE ADDITIONAL INFORMATION SECTION 10

SECTION 3**PHYSICAL PROPERTIES**

BOILING POINT..... 165 TO 400F
MELTING POINT..... NDA
VAPOR PRESSURE..... NDA
VAPOR DENSITY (AIR=1)..... >1 (AIR=1)
SOLUBILITY IN WATER..... NONE
SPECIFIC GRAVITY..... (H2O=1) 2.7
EVAPORATION RATE..... SLOWER THAN DIETHYL ETHER
APPEARANCE AND ODOR..... GRAY - SOLVENT ODOR

SECTION 4**FIRE AND PXPLOSION DATA**

FLASH POINT..... 115F, SFCC
EXRINGUISHING MEDIA..... CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
SPECIAL PROCEDURES..... PRESSURE-DEMAND, SELF-CONTAINED PROTECTION SHOULD BE PROVIDED. STORAGE
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER.
UNUSUAL HAZARDS..... AT HIGH TEMPERATURE, OVER-PRESSURIZATION CAN RESULT. DECOMPOSITION
PRODUCTS HAZARDOUS.

SECTION 5**REACTIVITY DATA**

STABILITY..... STABLE
CONDITIONS TO AVOID..... AVOID EXCESSIVE HEAT & SOURCES OF IGNITION.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR
INCOMPATIBILITY..... STRONG ACIDS AND ALKALINE MATERIAL.
HAZARDOUS DECOMPOSITION PRODUCTS..... HEATING INCLUDING WELDING OR CUTTING YIELDS SMOKE, CO2.

SECTION 6**HEALTH HAZARD DATA**

ROUTES OF ENTRY..... INHALATION, SKIN, INGESTION.
HEALTH HAZARDS..... SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, & VOMITING.
ASPIRATION INTO LUNG MAY CAUSE CHEMICAL PNEUMONITIS WHICH MAY BE FATAL.

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MAY CAUSE EYE, THROAT AND NOSE IRRITATION. ALSO MAY CAUSE DEFATTING OF THE SKIN.

CARCINOGENICITY	NA
SIGNS & SYMPTOMS OF EXPOSURE	HIGH CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. CHRONIC OVER EXPOSURE MAY LEAD TO BLOOD FORMING IN NERVOUS, URINARY & REPRODUCTIVE SYSTEMS.
MEDICAL CONDITIONS FROM EXPOSURE	SEE ABOVE
EMERGENCY & FIRST AID.....	DO NOT INDUCE VOMITING. CALL A PHYSICIAN. INHALATION – MOVE TO FRESH AIR.
ADDITIONAL INFORMATION	NA

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL AND LEAK PROCEDURES.....	ELIMINATE ALL IGNITION SOURCES, DIKE AND CONTAIN SPILL WITH AN INERT MATERIAL. PLACE IN METAL CONTAINERS. DO NOT ALLOW THIS MATERIAL TO ENTER GROUND WATER, SEWERS, OR STREAMS.
WASTE AND DISPOSAL METHOD.....	INCINERATE ONLY IN EPA PERMITTED FACILITY. INCINERATE IN CLOSED CONTAINERS. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS.
HANDLING AND STORING PRECAUTIONS	STORE AWAY FROM HEAT AND FLAMES, ELECTRICAL ARCS. HIGH TEMPERATURE DURING STORAGE CAN BUILD PRESSURE IN CONTAINERS.
OTHER PRECAUTIONS.....	NA

SECTION 8

CONTROL MEASURES

RESPIRATORY MEASURES	IN RESTRICTED VENTILATION AREAS, RESPIRATOR MAY BE REQUIRED. SEE OSHA 29 CFR 1910.1025.
VENTILATION	LOCAL EXHAUST – YES. MECHANICAL – PROVIDE GENERAL DILUTION. SPECIAL – REFER TO OSHA REQUIREMENTS FOR LEAD.
PROTECTIVE GLOVES.....	SOLVENT IMPERMEABLE.
EYE PROTECTION	NA.
OTHER PROTECTIVE EQUIPMENT	FOR MAXIMUM SAFETY: BE CERTIFIED FOR, AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING OR BRAZING.

SECTION 9

DISCLAIMER

THIS DATA IS BELIEVED TO BE ACCURATE. HARRIS WELCO MAKES NO WARRANTY TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE ON THIS DATA.

SECTION 10

ADDITIONAL INFORMATION

NEW JERSEY RIGHT TO KNOW INFORMATION (HAZARDOUS & NON HAZARDOUS)
ZINC #7440-66-6, ZINC OXIDE #1314-13-2, SILICA, AMORPHOUS COL. #11245-52-2,
NAPATHA (PETROLEUM) #64742-48-9, STODDARD SOLVENT #8052-41-3.
NA = NOT APPLICABLE.

SECTION 11

ADDITIONAL INFORMATION