

Class C Solutions Group

A business of MSC Industrial Supply Co.

Safety Data Sheet

Supply Co. - ACID PASTE SOLDER: 3109

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Class C Parts IDs 21572

SAFETY DATA SHEET

SDS #: 506

LATEST REVISION: JUNE 2015

SELECTRODE INDUSTRIES, INC.

-----1. PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NAME:

ACID PASTE SOLDER: 3109

MANUFACTURER:

SELECTRODE INDUSTRIES, INC.

230 BROADWAY

HUNTINGTON STATION, NY 11746

U. S. A.

PHONE: 631-547-5470

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EMERGENCY TELEPHONE NUMBER: 631-547-5470

-----2. HAZARD IDENTIFICATION -----

EMERGENCY OVERVIEW:

THIS PRODUCT IS NORMALLY NOT CONSIDERED HAZARDOUS AS SHIPPED. AVOID EYE CONTACT OR INHALATION OF DUST FROM THE PRODUCT. WHEN THIS PRODUCT IS USED IN A WELDING PROCESS, THE MOST IMPORTANT HAZARDS ARE WELDING FUMES AND HEAT.

CLASSIFICATION OF THE SUBSTANCE/MIXTURE:

CLP/GHS CLASSIFICATION (1272/2008): CARCINOGENICITY, CATEGORY 1

EU CLASSIFICATION (67/548/EEC): TOXIC (T), CARCINOGEN CATEGORY 1, R45

HAZARDOUS CLASSIFICATION PER 29CFR 1910.1200 (REV. JULY 1, 2012):
CARCINOGENICITY, CATEGORY 1

LABELLING:

SYMBOLS: HEALTH HAZARD

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H350: MAY CAUSE CANCER.

PRECAUTIONARY STATEMENTS:

P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P202:

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

P280: WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.

P308+P313:

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P405: STORE LOCKED UP.

P501:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/
INTERNATIONAL REGULATIONS.

-----3. COMPOSITION / INFORMATION ON INGREDIENTS -----

CHEMICAL IDENTITY	CAS #	RANGE %	OSHA PEL (MG/M3)	ACGIH-TLV (MG/M3)	CARCINOGENICITY
PETROLATUM, USP	8009-03-8	10-20	N/A	N/A	NO
DIETHYLAMINE	660-68-4	1-5	N/A	N/A	NO
SEBACIC ACID	111-20-6	1-5	N/A	N/A	NO
TIN	7440-31-5	85-95	2	2	NO
#SILVER	7440-22-4	4.5-5.5	.1	.1	NO

CHEMICAL IDENTITY	EU CLASSIFICATION (67/548/EEC)	CLP/GHS CLASSIFICATION (1272/2008)	HAZARDOUS CLASSIFICATION PER 29CFR 1910.1200 (REV. JULY, 2012)
PETROLATUM, USP	(T), R45	(H350) CARC. 1	(H350) CARC. 1
DIETHYLAMINE	(XI) R36/37/38	(H315) SKIN IRRIT.. 2 (H319) EYE IRRIT.. 2A (H335) STOT SE 3	(H315) SKIN IRRIT.. 2 (H319) EYE IRRIT.. 2A (H335) STOT SE 3
SEBACIC ACID	NOT DANGEROUS	NOT HAZARDOUS	NOT HAZARDOUS
TIN	NOT DANGEROUS	NOT HAZARDOUS	NOT HAZARDOUS
#SILVER	NOT DANGEROUS	NOT HAZARDOUS	NOT HAZARDOUS

IMPORTANT:

THIS SECTION COVERS THE MATERIALS OF WHICH THE PRODUCTS MANUFACTURED. THE FUMES AND GASES PRODUCED DURING NORMAL USE OF THIS PRODUCT ARE COVERED IN SECTION 10. THE TERM "HAZARDOUS" IN "HAZARDOUS MATERIAL" SHOULD BE INTERPRETED AS A TERM REQUIRED AND DEFINED IN OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910-1200 AND IT DOES NOT NECESSARILY IMPLY THE EXISTENCE OF HAZARD. THE CHEMICALS OR COMPOUNDS REPORTABLE BY SECTION 313 OF SARA ARE MARKED BY THE SYMBOL #.

-----4. FIRST AID MEASURES -----

INHALATION:

REMOVE TO FRESH AIR IMMEDIATELY OR ADMINISTER OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN:

FLUSH SKIN WITH LARGE AMOUNTS OF WATER AND SOAP. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION.

EYE: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION: OBTAIN MEDICAL ATTENTION IMMEDIATELY IF INGESTED. RINSE MOUTH.

-----5. FIRE-FIGHTING MEASURES -----

SUITABLE EXTINGUISHING MEDIA:

SMALL FIRE: USE CO2 OR DRY CHEMICAL POWDER.

LARGE FIRE: USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

UNSUITABLE EXTINGUISHING MEDIA: DO NOT USE WATER ON MOLTEN METAL.

SPECIFIC HAZARDS ARISING FROM CHEMICAL:

FIRE HAZARD:

WHEN HEATED IN CHLORINE, TIN REACTS, PRODUCING LIGHT AND MUCH HEAT. IN THE PRESENCE OF WATER, CUPRIC NITRATE AND TIN FOIL, ON PROLONGED INTIMATE CONTACT, WILL PRODUCE FLAMING AND SPARKING. SODIUM PEROXIDE AND POTASSIUM PEROXIDE, POTASSIUM DIOXIDE, OXIDIZED TIN WITH INCANDESCENCE. THE REACTION BETWEEN TIN AND TELLURIUM ATTAINS INCANDESCENCE.

EXPLOSION HAZARD:

TIN REACTS VIOLENTLY OR EXPLOSIVELY WITH FUSED AMMONIUM NITRATE BELOW 200 DEG. C. CONTACT OF METALLIC TIN AND TURPENTINE MAY CAUSE FIRES AND EXPLOSIONS. FINELY DIVIDED DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR. DO NOT PLUNGE DAMP OR WET SOLDER BARS/PIECES INTO MOLTEN SOLDER.

CARBON OXIDES, NITROGEN OXIDES (NOX), HYDROGEN CHLORIDE GAS, TIN OXIDES, SILVER/SILVER OXIDES.

PROTECTIVE EQUIPMENT:

FIRE FIGHTERS SHOULD WEAR COMPLETE PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS.

-----6. ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS: REFER TO SECTION 8.

ENVIRONMENT PRECAUTIONS: REFER TO SECTION 13.

CLEANING MEASURES:

SOLID OBJECTS MAY BE PICKED UP AND PLACED INTO A CONTAINER. LIQUIDS OR PASTES SHOULD BE SCOOPED UP AND PLACED INTO A CONTAINER. WEAR PROPER PROTECTIVE EQUIPMENT WHILE HANDLING THESE MATERIALS. DO NOT DISCARD AS REFUSE.

-----7. HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. EMPTY CONTAINERS POSE A FIRE RISK; EVAPORATE THE RESIDUE UNDER A FUME HOOD. GROUND ALL EQUIPMENT CONTAINING MATERIAL. DO NOT BREATHE DUST. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS, ACIDS, ALKALIS. DISPOSE OF ACCORDING TO FEDERAL, STATE, LOCAL AND OSHA REGULATIONS.

CONDITIONS FOR SAFE STORAGE:

KEEP CONTAINER TIGHTLY CLOSED. KEEP CONTAINER IN A COOL, WELL-VENTILATED AREA. DO NOT STORE ABOVE 25 DEG. C (77 DEG. F).

-----8. EXPOSURE CONTROLS/PERSONAL PROTECTION -----

ENGINEERING CONTROLS:

THE USUAL PRECAUTIONARY MEASURES FOR HANDLING CHEMICALS SHOULD BE FOLLOWED. KEEP AWAY FROM FOOD, BEVERAGES AND FEED. REMOVE ALL SOILED AND CONTAMINATED CLOTHING IMMEDIATELY. WASH HANDS BEFORE BREAK AND AT THE END OF THE WORK. STORE ALL PROTECTIVE CLOTHING SEPARATELY. MAINTAIN AN ERGONOMICALLY APPROPRIATE WORKING ENVIRONMENT. WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY. AVOID CAUSING DUST.

EXPOSURE LIMITS:

USE INDUSTRIAL HYGIENE EQUIPMENT TO ENSURE THAT EXPOSURE DOES NOT EXCEED APPLICABLE NATIONAL EXPOSURE LIMITS. THE LIMITS DEFINED UNDER SECTION 3 CAN BE USED AS GUIDANCE. UNLESS NOTED, ALL VALUES ARE FOR 8 HOUR TIME WEIGHTED AVERAGE.

BIOLOGICAL LIMITS: NO AVAILABLE DATA

PERSONAL PROTECTION:**RESPIRATORY PROTECTION:**

USE AN AIR PURIFYING DUST RESPIRATOR WHEN WELDING OR BRAZING IN A CONFINED SPACE, OR WHEN LOCAL EXHAUST OR VENTILATION IS NOT SUFFICIENT TO KEEP EXPOSURE VALUES WITHIN SAFE LIMITS.

HANDS PROTECTION: WEAR APPROPRIATE GLOVES TO PREVENT SKIN CONTACT.

EN 12477: PROTECTION GLOVES FOR WELDERS

REQUIREMENTS (EN LEVELS)	TYPE A	TYPE B
ABRASION (CYCLES)	2 (500)	1 (100)
CUT (FACTOR)	1 (1.2)	1 (1.2)
TEAR (NEWTON)	2 (25)	1 (10)
PUNCTURE (NEWTON)	2 (60)	1 (20)
BURNING BEHAVIOUR	3	2
CONTACT HEAT	1	1
CONVECTIVE HEAT	2	
SMALL SPLASHES	3	2
DEXTERITY	1 (11)	4 (6.5)

TYPE B GLOVES ARE RECOMMENDED WHEN HIGH DEXTERITY IS REQUIRED AS FOR TIG WELDING, WHILE TYPE A GLOVES ARE RECOMMENDED FOR OTHER WELDING PROCESSES. THE CONTACT TEMP (DEG. C) IS 100 AND THE THRESHOLD TIME (SECONDS) >15.

EYES PROTECTION:

WELDER'S HELMET OR FACE SHIELD WITH COLOUR ABSORBING LENSES. SHIELD AND

FILTER TO PROVIDE PROTECTION FROM HARMFUL UV RADIATION, INFRARED AND MOLTEN METAL APPROVED TO STANDARD EN379. FILTER SHADE TO BE A MINIMUM OF SHADE 9.

SKIN PROTECTION:

HEAT-RESISTANT PROTECTIVE CLOTHING. WEAR SAFETY BOOTS, APRON, ARM AND SHOULDER PROTECTION. KEEP PROTECTIVE CLOTHING CLEAN AND DRY. CLOTHING SHOULD BE SELECTED TO SUIT THE LEVEL, DURATION AND PURPOSE OF THE WELDING ACTIVITY.

CLASS 1:

IMPACT OF SPATTER: 15 DROPS

HEAT TRANSFER (RADIATION): RHTI 24 \leq 7 SECONDS

PROCESS:

MANUAL WELDING WITH LIGHT FORMATION OF SPATTER AND DROPS:

GAS WELDING

TIG WELDING

MIG WELDING

MICRO PLASMA WELDING

BRAZING

SPOT WELDING

MMA WELDING (WITH RUTILE-COVERED ELECTRODE)

ENVIRONMENTAL CONDITIONS:

OPERATION OF MACHINES:

OXYGEN CUTTING MACHINES

PLASMA CUTTING MACHINES

RESISTANCE WELDING MACHINES

MACHINES FOR THERMAL SPRAYING

BENCH WELDING

CLASS 2:

IMPACT OF SPATTER: 25 DROPS

HEAT TRANSFER (RADIATION): RHTI 24 \geq 16 SECONDS

PROCESS:

MANUAL WELDING WITH HEAVY FORMATION OF SPATTER AND DROPS:

MMA WELDING (WITH BASIC OR CELLULOSE-COVERED ELECTRODES)

MAG WELDING (WITH CO₂ OR MIXED GASES)

MIG WELDING (WITH HIGH CURRENT)

SELF SHIELDED FLUX CORE ARC WELDING

PLASMA CUTTING

GOUGING

OXYGEN CUTTING

THERMAL SPRAYING

ENVIRONMENTAL CONDITIONS:

OPERATION OF MACHINES:
IN CONFINED SPACES
AT OVERHEAD WELDING/CUTTING OR IN COMPARABLE CONSTRAINED POSITIONS

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE: CREAM

COLOR: GREY

ODOUR: SLIGHT AMMONIA

ODOUR THRESHOLD: NOT AVAILABLE

PH VALUE: NOT AVAILABLE

MELTING POINT/MELTING RANGE: 430 DEG. F, 221 DEG. C

FREEZING POINT: NOT AVAILABLE

BOILING POINT/BOILING RANGE: >450 F

FLASH POINT: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SELF-INFLAMMABILITY: NOT AVAILABLE

EXPLOSION LIMITS: NOT AVAILABLE

VAPOUR PRESSURE: NOT AVAILABLE

VAPOUR DENSITY: NOT AVAILABLE

DENSITY AT 20 DEG. C: NOT AVAILABLE

RELATIVE DENSITY: 6 G/CM3

SOLUBILITY: INSOLUBLE IN WATER.

PARTITION COEFFICIENT: NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

DECOMPOSITION TEMPERATURE: NOT AVAILABLE

OTHER INFORMATION: NO AVAILABLE DATA.

-----10. STABILITY AND REACTIVITY -----

CHEMICAL STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL CONDITIONS.

HAZARDOUS REACTIONS: REACTIVE WITH OXIDIZING AGENTS, ACIDS, ALKALIS.

CONDITIONS TO AVOID: NOT APPLICABLE.

INCOMPATIBLE MATERIALS:

INCOMPATIBLE WITH BROMINE, BROMINE TRIFLUORIDE CHLORINE, CHLORINE TRIFLUORIDE + CARBON, WATER + CUPRIC NITRATE, SODIUM PEROXIDE, WATER VAPOUR + CARBON TETRACHLORIDE, DISULFUR DICHLORIDE, FUSED AMMONIUM NITRATE, POTASSIUM DIOXIDE, TELLURIUM, TURPENTINE, ACIDS (NITRIC ACID, SULFURIC ACID, HYDROCHLORIC ACID, ACETIC ACID), CAUSTIC ALKALI, IODINE BROMIDE. IN PRESENCE OF WATER VAPOUR, THE INTERACTION BETWEEN TIN AND CARBON TETRACHLORIDE IS VIOLENT. THE INTERACTION BETWEEN TIN AND DISULFUR DICHLORIDE IS VIOLENT. TIN REACTS VIOLENTLY WITH IODINE BROMIDE.

HAZARDOUS DECOMPOSITION PRODUCTS:

WHEN THIS PRODUCT IS USED IN A WELDING PROCESS, HAZARDOUS DECOMPOSITION PRODUCT WOULD INCLUDE THOSE FROM VOLATILIZATION, REACTION OR OXIDATION OF THE MATERIAL LISTED IN SECTION 3 AND THOSE FROM THE BASE METAL AND COATING. THE AMOUNT OF FUMES GENERATED FROM THIS PRODUCT VARIES WITH WELDING PARAMETERS AND DIMENSIONS.

REFER TO APPLICABLE NATIONAL EXPOSURE LIMITS FOR FUME COMPOUNDS, INCLUDING THOSE EXPOSURE LIMITS FOR FUME COMPOUNDS FOUND IN SECTION 3. REASONABLY EXPECTED GASEOUS PRODUCTS WOULD INCLUDE CARBON OXIDES, NITROGEN OXIDES AND OZONE. AIR CONTAMINANTS AROUND THE WELDING AREA CAN BE AFFECTED BY THE WELDING PROCESS AND INFLUENCE THE COMPOSITION AND QUALITY OF FUMES AND GASES PRODUCED.

-----11. TOXICOLOGICAL INFORMATION -----

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

FUMES AND GASES GENERATED DURING USE OF THIS PRODUCT, IN CONJUNCTION WITH HEATING, WELDING, BRAZING OR SOLDERING PROCEDURES, CAN BE DANGEROUS TO YOUR HEALTH. AGGRAVATION OF PRE-EXISTING RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR.

ACUTE EFFECTS:

TIN:

MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION DUE TO MECHANICAL ACTION. INHALATION OF TIN DUST MAY CAUSE RESPIRATORY TRACT AND MUCOUS MEMBRANE TRACT IRRITATION DUE TO MECHANICAL ACTION. IT IS POORLY ABSORBED FROM THE DIGESTIVE TRACT. IT CAN CAUSE GASTROINTESTINAL TRACT DISTURBANCE WHICH MAY BE IRRITANT OR ASTRINGENT ON THE STOMACH. SILVER MAY CAUSE ARGYRIA (A SLATE-GREY OR BLuish DISCOLORATION OF THE SKIN AND DEEP TISSUES DUE TO THE DEPOSIT OF INSOLUBLE ALBUMINATE OF SILVER).

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

DIETHYLAMINE HYDROCHLORIDE 660-68-4:

ORAL:

LD50: 9900 MG/KG (RAT)

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

SEBACIC ACID 111-20-6:

INHALATION:

LC50: >4500 MG/M3 (RAT)

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

SILVER 7440-22-4:

ORAL:

LD50: >5000 MG/KG (RAT)

CHRONIC EFFECTS:

OVEREXPOSURE TO WELDING FUMES MAY AFFECT PULMONARY FUNCTION. REPEATED EXPOSURE TO A HIGHLY TOXIC MATERIAL MAY PRODUCE GENERAL DETERIORATION OF HEALTH BY AN ACCUMULATION IN ONE OR MANY HUMAN ORGANS.

-----12. ECOLOGICAL INFORMATION -----

TOXICITY: NO AVAILABLE DATA.

PERSISTENCE AND DEGRADABILITY: NO AVAILABLE DATA.

BIO ACCUMULATIVE POTENTIAL: NO AVAILABLE DATA.

MOBILITY IN SOIL: NO AVAILABLE DATA.

OTHER ADVERSE EFFECTS: NO AVAILABLE DATA.

POSSIBLY HAZARDOUS SHORT TERM PRODUCTS OF DEGRADATION ARE NOT LIKELY. HOWEVER, LONG TERM PRODUCTS OF DEGRADATION MAY ARISE. THE PRODUCT ITSELF AND ITS PRODUCTS OF DEGRADATION ARE NOT TOXIC.

-----13. DISPOSAL CONSIDERATIONS -----

PRODUCT:

FOR PRODUCT ELIMINATION, DISPOSE OF IN ACCORDANCE WITH EPA REGULATIONS.

PACKAGE:

MAY BE DISPOSED IN APPROVED LANDFILLS PROVIDED LOCAL REGULATIONS ARE OBSERVED.

-----14. TRANSPORT INFORMATION -----

UN-NUMBER: NOT APPLICABLE

UN PROPER SHIPPING NAME: NOT APPLICABLE

TRANSPORT HAZARD CLASS: NOT APPLICABLE

PACKING GROUP: NOT APPLICABLE

ENVIRONMENTAL HAZARDS: NOT APPLICABLE

SPECIAL PRECAUTIONS FOR USERS: NOT APPLICABLE

-----15. REGULATORY INFORMATION -----

SAFETY, HEALTH AND ENVIRONMENT REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

READ AND UNDERSTAND THE MANUFACTURER'S INSTRUCTIONS, YOUR EMPLOYER'S SAFETY PRACTICES AND THE HEALTH AND SAFETY INSTRUCTIONS ON THE LABEL. OBSERVE ANY FEDERAL AND LOCAL REGULATIONS. TAKE PRECAUTIONS WHEN WELDING AND PROTECT YOURSELF AND OTHERS.

WARNING:

WELDING FUMES AND GASES ARE HAZARDOUS TO YOUR HEALTH AND MAY DAMAGE LUNGS AND OTHER ORGANS. USE ADEQUATE VENTILATION. ELECTRIC SHOCK CAN KILL. ARC RAYS AND SPARKS CAN INJURE EYES AND BURN SKIN. WEAR CORRECT HAND, HEAD, EYE AND BODY PROTECTION.

CHEMICAL SAFETY ASSESSMENT: NO

USA:

UNDER THE OSHA HAZARD COMMUNICATION STANDARD, THIS PRODUCT IS CONSIDERED HAZARDOUS. THIS PRODUCT CONTAINS OR PRODUCES A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM). (CALIFORNIA HEALTH & SAFETY CODE SUBSECTION 25249.5 ET SEQ.)

UNITED STATES EPA TOXIC SUBSTANCE CONTROL ACT:

ALL CONSTITUENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY LIST OR ARE EXCLUDED FROM LISTING.

EPCRA/SARA TITLE III TOXIC CHEMICALS:

THE FOLLOWING METALLIC COMPONENTS ARE LISTED AS SARA 313 "TOXIC CHEMICALS" AND POTENTIAL SUBJECT TO ANNUAL SARA REPORTING. SEE SECTION 3 FOR WEIGHT PERCENTAGE.

INGREDIENT NAME	DISCLOSURE THRESHOLD
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SILVER	.1 MG/M3
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-----16. OTHER INFORMATION -----

THE INFORMATION IN THIS DOCUMENT IS BELIEVED TO BE CORRECT AS OF THE DATE

ISSUED. HOWEVER, NO WARRANTY IS EXPRESSED TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. THIS INFORMATION AND PRODUCT ARE FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE HIS OWN DETERMINATIONS AS TO THE SUITABILITY OF THE PRODUCT FOR HIS PARTICULAR PURPOSE AND ON THE CONDITION THAT HE ASSUMES THE RISK OF HIS USE THEREOF.

THIS MATERIAL SAFETY DATA SHEET COMPLIES WITH THE EC DIRECTIVES 91/155/EEC AND 93/112/EEC, INCLUDING MODIFICATIONS 2001/58/EC.

COMPLIES WITH OSHA COMMUNICATION STANDARD 29 CFR 1910.1200 AND SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 PUBLIC LAW 99-499

HAZARD STATEMENTS:

H315: CAUSES SKIN IRRITATION.

H319: CAUSES SERIOUS EYE IRRITATION.

H335: MAY CAUSE RESPIRATORY IRRITATION.

H350: MAY CAUSE CANCER.

R-PHRASES:

R36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

R45: MAY CAUSE CANCER.

S-PHRASES:

S24/25: AVOID CONTACT WITH SKIN AND EYES.

S26:

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S36/37: WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

S45:

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

S53: AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.