



One Source. Every Solution. Superior Results.

OSHA'S HAZARD COMMUNICATION STANDARD
U.S. DEPARTMENT OF LABOR
MATERIAL SAFETY DATA SHEET
MSDS

29 CFR 1910.1200
IDENTITY NO: SG1000

OMB NO: 1218-0072
NAME: HARDROCK SURE GRIP

SECTION 1

MANUFACTURER'S/SHIPPER'S NAME: International Polishing Techniques, Inc.
ADDRESS: 6683 SCHUSTER STREET PHONE: (702) 895-9865
CITY: LAS VEGAS STATE: NEVADA CONTACT: KEN WILLIAMS
DATE PREPARED: 4/15/02 EMERGENCY PHONE (CHEMTREC): (800) 424-9300

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA PEL	ACGIH TLV	WEIGHT %
AMMONIUM BIFLUORIDE	1341497	2.5MG/M3	2.5MG/M3	
ALCOHOLS, ETHOXYLATED PROPRIETARY		N/A	N/A	

NOTE: VOC CONTENT: NONE g/L

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >212° F SPECIFIC GRAVITY: 1.022
VAPOR PRESSURE: NOT TESTED MELTING POINT: NOT TESTED
VAPOR DENSITY: NOT TESTED EVAPORATION RATE: NOT TESTED
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: CLEAR COLORLESS LIQUID WITH NO ODOR

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >212° F FLAMMABLE LIMITS: NOT TESTED
LEL: NOT TESTED UEL: NOT TESTED
pH: 1 TO 2 DOT #: NONE

NFPA HAZARD RATING	H	F	R	S	HMS HAZARD RATING	H	F	R
(0=LEAST, 4=EXTREME)	2	0	0	0		2	0	0

EXTINGUISHING MEDIA: CO2, DRY FOAM
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBLE MATERIALS TO AVOID: STRONG OXIDIZERS, AMMONIA, STRONG ALKALI MATERIALS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO2
HAZARDOUS POLYMERIZATION: NONE
CONDITIONS TO AVOID: NONE
HAZARDOUS POLYMERIZATION: NONE

SECTION 6 - HEALTH HAZARD DATA

SG1000 PAGE 2

ROUTES OF ENTRY

INHALATION: POSSIBLE

INGESTION: POSSIBLE

SKIN: POSSIBLE

HEALTH HAZARDS: SAME SIGNS & SYMPTOMS OF EXPOSURE

NOTE: ALL CHEMICAL IN THIS PRODUCT ARE FOUND ON THE TSCA INVENTORY LIST

OSHA CARCINOGENICITY: NONE

NTP: NONE

IARC MONOGRAPHS: NONE

SIGNS & SYMPTOMS OF OVER EXPOSURE

EYES: BURNING SENSATION

SKIN: SEVERE IRRITATION

INGESTION: SEVERE BURNING IRRITATION

INHALATION: SLIGHT IRRITATION

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SAME AS SIGNS AND SYMPTOMS OF OVER EXPOSURE.

EMERGENCY FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER, CLEAN UNDERNEATH FINGERNAILS. IF IRRITATION PERSISTS CALL PHYSICIAN.

INGESTION: DRINK LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

INHALATION: GET PERSON TO FRESH AIR. IF UNCONSCIOUS CALL PHYSICIAN.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SOAK UP WITH INERT, ABSORBENT MATERIAL. SCOOP UP AND PLACE IN A PROPER WASTE DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY PLACE. DO NOT FREEZE LESS THAN OR EQUAL TO 32° FOR HEAT ABOVE 110° F.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON THE CONTAINER FOR PROPER USE OF THIS PRODUCT.

SECTION 8-CONTROL MEASURES

RESPIRATORY PROTECTION: OPEN ALL DOORS AND WINDOWS. EXPOSURES ABOVE THE TLV OR PEL REQUIRE A NIOSH APPROVED RESPIRATOR EQUIPPED FOR THE EXPOSURE OR SUITABLE RESPIRATORY PROTECTION PER 29 CFR 1910.134. REQUIRED.

VENTILATION LOCAL EXHAUST: IF AVAILABLE SPECIAL: NONE
MECHANICAL: IF AVAILABLE OTHER: NONE

PROTECTIVE GLOVES: RUBBER, PLASTICS, CHEMICAL RESISTANT

EYE PROTECTION: GLASSES, GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK HYGENIC PRACTICES: USE COMMON SENSE AND CARE AROUND CHEMICALS. NEVER MIX CHEMICALS. CONSULT YOUR SUPERVISOR FOR OTHER PRACTICES. ALL PRACTICES DEPEND ON YOUR SPECIFIC BUSINESS. DIRECTIONS FOR USE ARE NORMALLY FOUND ON LABEL WHICH WILL DICTATE ENGINEERING AND CONTROL MEASURES.

OTHER SPECIAL REQUIREMENTS: NONE