

SPS-SM_SPEED_SEEL[1]
MATERIAL SAFETY DATA SHEET
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SECTION I - GENERAL INFORMATION
Product Code: SPS - SM Revision Date: March 26, 2004
Identification: SPEED SEEL / SPEED METAL

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT:	WT	OSHA	UNIT	ACGIH	UNIT	CAS. NO
	%	PEL		TLV/TWA		
*TOLUENE	20-25	200	PPM	100	PPM	00108-88-3
*METHYL ETHYL KETONE	5-10			200	PPM	00078-93-3
	STEL			300	PPM	
*BUTYL BENZYL PHTHALATE	1-3			5	mg/m3	00085-68-8
CALCIUM CARBONATE	10-15	15	mppcf	10	mg/m3	01317-65-3
*BARIUM SULFATE	10-15	15	mg/m3	10	mg/m3	07727-43-7
CRYSTALLINE SILICA	35-40			0.1	mg/m3	14808-60-7

CALIFORNIA PROPOSITION 65: TRACE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR 372.

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NOT AVAILABLE Specific Gravity: 1.65
Vapor Pressure: (mmHg) N/A Melting Point: N.E.
Vapor Density: N.E. Evaporation Rate: (ETHYL ETHER = 1) N/A
Solubility in water: NIL Volatiles by wt: < 30%
VOC: 463 GRAMS / LITER

Odor and Appearance: SMOOTH GRAY PASTE WITH AROMATIC ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 300 F. / -100 C-SETA FLASH CLOSED CUP Lower Flammable Limit: % AC
Flammable Limits: N/A Upper Flammable Limit: % AC
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Special Fire Fighting Procedures:
FIGHT LIKE A FUEL OIL FIRE. COOL FIRE-EXPOSED CONTAINERS WITH WATER
SPRAY. FIRE FIGHTER SHOULD WEAR OSHA/ NIOSH APPROVED SELF-CONTAINED
BREATHING APPARATUS.
Unusual Fire and Explosion Hazards:
CLOSED CONTAINERS EXPOSED TO HIGH TEMPERATURES, SUCH AS FIRE CONDITIONS,
MAY RUPTURE.

SECTION V - REACTIVITY DATA

This product is STABLE.
Conditions to avoid: OPEN FLAMES, SPARKS, HEAT, ELECTRICAL AND STATIC DISCHARGE.
Incompatibility: STRONG ACIDS, ALKALIES, OXIDIZERS.
Hazardous Decomposition: CARBON DIOXIDE, CARBON MONOXIDE, CARBON.
Hazardous Polymerization WILL NOT OCCUR.

SECTION VI - HEALTH HAZARD DATA

Overexposure Effects
ACUTE EFFECTS:
EYES: CONTACT WITH EYES CAN CAUSE IRRITATION, REDNESS, TEARING, BLURRED VISION,
AND/ OR SWELLING.
SKIN: CONTACT WITH SKIN CAN CAUSE IRRITATION, (MINOR ITCHING, BURNING AND / OR
REDNESS), DERMATITIS, DEFATTING. MAY BE READILY ABSORBED THROUGH THE
SKIN.
INHALATION: INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION,
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUS-

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NESS AND / OR ASPHYXIATION. ASPIRATION OF MATERIAL INTO LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. MAY BE TOXIC.

INGESTION: INGESTION CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. MAY BE TOXIC.

CHRONIC EFFECTS:

OVEREXPOSURE TO THIS MATERIAL HAS APPARENTLY BEEN KNOWN TO CAUSE THE FOLLOWING EFFECTS IN LAB ANIMALS: CNS, LUNGS, LIVER, BLOOD, SKIN, AND KIDNEY DAMAGE.

*CARCINOGENIC YES
**TERATOGEN NO
MUTAGEN NO

*CARCINOGENICITY: IARC HAS CONCLUDED THAT THERE IS "SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO EXPERIMENTAL ANIMALS" AND "LIMITED EVIDENCE" WITH RESPECT TO HUMANS.

**TOLUENE STATEMENT: PROLONGED BREATHING OF 2,000 PPM TOLUENE BY PREGNANT RATS WAS TOXIC TO THEIR FETUSES (REDUCED BODY WEIGHT, DELAYED OSSIFICATION, SKELETAL VARIATIONS), BUT WAS NOT TERATOGENIC. (API STUDY, 1986).

Primary Routes of Exposure: SKIN, INHALATION

FIRST AID:

INHALATION: IF INHALED, REMOVE VICTIM FROM EXPOSURE TO WELL-VENTILATED AREA. MAKE PATIENT COMFORTABLY WARM, BUT NOT HOT. USE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED. CONSULT A PHYSICIAN.

SKIN: FOR SKIN CONTACT, WASH PROMPTLY WITH SOAP AND EXCESS WATER.

EYES: FOR EYE CONTACT, FLUSH PROMPTLY WITH EXCESS WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT A PHYSICIAN.

INGESTION: IF INGESTED, DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER. CALL A PHYSICIAN IMMEDIATELY.

SECTION VII - HANDLING PRECAUTIONS

Steps to be Taken if Material is Released or Spilled:

VENTILATE AREA. REMOVE ALL POSSIBLE SOURCES OF IGNITION. AVOID PROLONGED BREATHING OF VAPOR. CONTAIN SPILL WITH INERT ABSORBENT.

Waste Disposal Method:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage:

USE WITH ADEQUATE VENTILATION. HARMFUL OR FATAL IF SWALLOWED. AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. DO NOT STORE THE PRODUCT ABOVE 100 F (38 C). DO NOT FLAME CUT, BRAZE, WELD, OR MELT EMPTY CONTAINERS. KEEP THE PRODUCT AWAY FROM HEAT, OPEN FLAME, AND OTHER SOURCES OF IGNITION. AVOID CONTACT WITH STRONG ACIDS, ALKALIES AND OXIDIZERS.

Other Precautions: KEEP AWAY FROM CHILDREN.

SECTION VIII - CONTROL MEASURES

Respiratory Protection:

NO RESPIRATOR REQUIRED WITH GENERAL ROOM VENTILATION. IF ROOM VENTILATION IS LACKING, USE NIOSH/MSHA APPROVED RESPIRATOR TO REMOVE VAPORS. USE AN AIR-SUPPLIED RESPIRATOR IF NECESSARY.

Ventilation:

USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO KEEP TLV/ PEL BELOW RECOMMENDED LEVELS AND FLAMMABLE LIMITS IN AIR BELOW THE LEVEL NECESSARY TO PREVENT EXPLOSION OR FIRE. GENERAL MECHANICAL VENTILATION SHOULD COMPLY WITH OSHA 1910.94 IF NECESSARY.

Protective Gloves:

TO PREVENT PROLONGED EXPOSURE, USE RUBBER GLOVES. SOLVENTS MAY BE ABSORBED THROUGH THE SKIN.

Eye Protection: SAFETY GLASSES OR GOGGLES WITH SPLASH GUARDS OR SIDE SHIELDS.

Other Protective Equipment:

WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work/Hygienic Practices: WASH THOROUGHLY WITH SOAP & WATER AFTER USING.

SECTION IX - ADDITIONAL INFORMATION

Shipping Information: PLEASE COMPLY WITH DOT REGULATIONS IN USA

HMIS RATING: HEALTH 2 (MODERATE)
FIRE 3 (HIGH)

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REACTIVITY 1 (SLIGHT)
PERSONAL PROTECTION - SEE SECTION VIII

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