

MATERIAL SAFETY DATA SHEET

H.W. SANDS CORP.

1080 E. Indiantown Rd., Suite 206, Jupiter, Florida 33477

PRODUCT NAME: **OHA9576-** Light emitting polymer

TELEPHONE NUMBER FOR EMERGENCY: CHEMTREC – 800-424-9300

DATE PREPARED: June 5, 2006

HMIS RATING: Health: 1 Flammability: 0 Reactivity: 0

SECTION I - HAZARDOUS INGREDIENTS	WT%	OSHA	TLV	CAS NO.
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Not established				138184-36-8
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SECTION II - PHYSICAL DATA

BOILING POINT (°C):	N/A	SPECIFIC GRAVITY:	N/A @ 20 °C
VAPOR PRESSURE (mm Hg):	N/A	pH:	N/A @ 20 °C
VAPOR DENSITY (Air = 1):	N/A	EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	insoluble	REACTIVITY IN WATER:	None
APPEARANCE AND ODOR:	Red Plastic Solid	MELTING POINT:	282 °C

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
Non-flammable		N/A	N/A

EXTINGUISHING MEDIA: Use water, CO₂, or dry chemical to cool fire exposed container

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, positive pressure breathing apparatus.

USUAL FIRE AND EXPLOSION HAZARD: Thermal decomposition may produce toxic gases.

SECTION IV - REACTIVITY DATA

STABILITY -	UNSTABLE:	STABLE: X
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CONDITION TO AVOID: Amine, Acids and Bases

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce CO, CO₂, NH₃ and/or oxides

HAZARDOUS POLYMERIZATION-	MAY OCCUR:	WILL NOT OCCUR: X
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CONDITION TO AVOID: N/A

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY - INHALATION: X SKIN: INGESTION: X

HEALTH HAZARDS (Acute and Chronic) May cause skin inflammation and rash in sensitive individuals. A may cause irritations of mucous membranes. May aggravate existing lung condition. NOTE: The full chemical and toxicological characteristics of this material have not been fully investigated. Good laboratory practice should be followed when using this chemical.

CARCINOGENICITY - NTP: No IARC: No OSHA: No

EFFECT OF EXPOSURE: Redness and irritation of skin in sensitive individuals. Inhalation may cause irritation of respiratory tract with accompanying cough and mucous build up.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: If swallowed, induce vomiting, CALL A PHYSICIAN IMMEDIATELY.

Skin: Immediately wash with soap and water for 5 minutes.

Eyes: Rinse immediately with water. Remove contact lenses then flush with water for 15 minutes. Seek professional aid without delay.

Inhalation: Remove victim to fresh air and seek professional aid without delay.

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear NIOSH approved respirator for dust.

PROTECTION GLOVES: Rubber type

LOCAL EXHAUST: Required

EYE PROTECTION: Safety Glasses

MECHANICAL: Desirable

OTHER PROTECTIVE EQUIPMENT: The availability of eye washes and safety showers in work areas is recommended.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain and absorb spill in vermiculite. Dispose of as described below.

WASTE DISPOSAL METHOD: Must be disposed of at a "Permitted", secure hazardous waste facility in accordance with Federal, State, and Local regulations.

SECTION VIII - STORAGE, HANDLING, AND SPECIAL PRECAUTION

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: Store in cool, dry area. Keep container tightly close when not in use.

OTHER PRECAUTIONS: Do not eat or drink when product is used. Wash hands after using this product. Containers of this material may be hazardous when empty. ***KEEP OUT OF THE REACH OF CHILDREN.***

This product is used only for research purposes

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