

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : 4580 LEAK FINDER TRACE POWDER
 IDENTIFICATION NUMBER: 4580 DATE PRINTED: 09/09/09
 PRODUCT USE/CLASS : LEAK FINDER - POWDER

MANUFACTURED FOR:
 INTERNATIONAL EPOXIES AND SEALERS
 30241 COMMERCE DRIVE
 SAN ANTONIO, FL 33576
 INFORMATION PHONE: 800 451-7206

EMERGENCY TELEPHONE: INFOTRAC: 800-535-5053
 OUTSIDE U.S.A, CALL COLLECT: 1-352-323-3500

PREPARER: CUSTOMER SERVICE, PHONE: 800-451-7206, PREPARE DATE: 09/09/09

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WEIGHT %
01	HEXANES	64742-49-0	60-70
02	PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
03	ZINC STEARATE	67762-34-9	10-20

ITEM	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
01	50 PPM	N.E.	500 PPM		N.E.	YES
02	N.E.	N.E.	N.E.	N.E.	N.E.	NO
03	>10000 mg/m3	N.E.		N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Vapors irritating to eyes and respiratory tract. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion.

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SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: No Information.

EFFECTS OF OVEREXPOSURE - INHALATION: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION
INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -141 F
(PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE LIMIT: 1.0 %
UPPER EXPLOSIVE LIMIT: 9.5 %

AUTOIGNITION TEMPERATURE: ND

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SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

AEROSOL LEVEL: 3

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: No Information.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
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BOILING RANGE	: -23 - 158 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	ODOR THRESHOLD	: ND
APPEARANCE	: WHITE	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H2O	: NEGLIGIBLE	SPECIFIC GRAVITY:	0.6825
FREEZE POINT	: ND	pH @ 0.0 %	: NA
VAPOR PRESSURE	: ND	VISCOSITY	: ND
PHYSICAL STATE	: AEROSOL		
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND			
VOLATILE ORGANIC COMPOUNDS (VOCS): 4.88 lbs/gal, 585 grams/ltr			

VOC, % (wt): 88.87%

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.

INCOMPATIBILITY: MAY REACT WITH OXYGEN AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

HAZARDOUS DECOMPOSITION PRODUCTS: No Information.

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SECTION 10 - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD50: 12705 mg/kg

PRODUCT LC50: 150000 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
HEXANES	12705 MG/KG/RAT	150000 MG/M3/MOUSE
PROPANE/ISOBUTANE/N-BUTANE	NE	NE
ZINC STEARATE	NA	ND

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY

DOT TECHNICAL NAME:

DOT HAZARD CLASS: ORM-D

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

DOT EXEMPTIONS:

DOT SPECIAL INSTRUCTIONS:

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SECTION 14 - TRANSPORTATION INFORMATION

IMDG SHIPPING INFORMATION:UN1950

IMDG PROPER SHIPPING NAME: AEROSOLS

IMDG TECHNICAL NAME:

IMDG HAZARD CLASS: 2.1

HAZARD SUBCLASS:

PACKING GROUP:

FLASH POINT, C:-96.4 CC

IMDG EXEMPTIONS: LIMITED QUANTITY

IMDG SPECIAL INSTRUCTIONS:

MARINE POLLUTANT (YES/NO): N

IATA SHIPPING INFORMATION:UN1950

IATA PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE

IATA TECHNICAL NAME:

IATA HAZARD CLASS: 2.1

HAZARD SUBCLASS:

PACKING GROUP:

IATA EXEMPTIONS: LIMITED QUANTITY

IATA SPECIAL INSTRUCTIONS:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD PRESSURIZED
GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
HEXANES	64742-49-0	60-70
ZINC STEARATE	67762-34-9	10-20

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
No information is available.	

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous materials are among the top five ingredients.	

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous ingredients are present at greater than 3%.	

CALIFORNIA PROPOSITION 65:

SECTION 15 - REGULATORY INFORMATION

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME ----- CAS NUMBER
No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 4 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 09/09/09

REASON FOR REVISION: UPDATE PHYSICAL PROPERTIES, AEROSOL LEVEL,
TRANSPORTATION INFORMATION.

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

*** THIS MSDS IS NOT FOR REPRODUCTION OR DISTRIBUTION ***
The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>