

## SAFETY DATA SHEETS

**DURA-SEAL HG (100)**

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### SECTION 1: COMPANY AND PRODUCT INFORMATION

**MANUFACTURER'S NAME / ADDRESS**

**DURACORP**

2560 Jason Court  
Oceanside, CA 92056  
(760) 758-7240

**TRADE NAME:** DURA-Seal HG  
(100 g/l VOC)

**COLOR:** CLEAR

**MAIN USE:** SPECIALTY FLOOR SEALER

**EMERGENCY TELEPHONE NUMBER:** (800) 424-9300 (CHEMTREC)

### SECTION 2: COMPOSITION / INGREDIENT INFORMATION

HAZARDOUS INGREDIENTS	Wt. %	CAS Number
Parachlorobenzotrifluoride	30-60	000098-56-6
Acetone	30-60	000067-64-1
Aromatic Petroleum Distillates	1-5	064742-95-6

### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Danger!

- Harmful Or Fatal If Swallowed
- Harmful If Inhaled
- Causes Respiratory Tract, Eye And Skin Irritation
- Contains Material Which Causes Damage To The Following Organs: Blood, Kidneys, Liver, Gastrointestinal Tract, Respiratory Tract, Skin, Nervous System, Eye, Lense Or Cornea Flammable Liquid And Vapor
- Vapor May Cause Flash Fire
- May Be Harmful If Absorbed Through Skin
- Possible Cancer Hazard
- Contains Material Which Can Cause Cancer

**PRIMARY ROUTES OF ENTRY:** Eye Contact, Skin Contact, Inhalation, Ingestion.

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

**EYES:**

**ACUTE** - Liquid, aerosols or vapors are severely irritating and can cause pain, tearing, reddening and swelling. if left untreated, corneal damage can occur and injury is slow to heal. however, damage is usually reversable

**CHRONIC** - Prolonged vapor contact may cause conjunctivitis

**SKIN CONTACT:**

**ACUTE** - Repeated or prolonged skin contact can result in dry, defatted and cracked skin causing increased susceptibility to infection. In addition irritation may develop into dermatitus. Solvents can penetrate the skin and may cause effects similar to those identified under acute inhalation symptoms.

**CHRONIC** - May cause effects similar to those identified under chronic inhalation effects.

**SKIN ABSORPTION:**

**ACUTE** – ND

**CHRONIC** – ND

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### SECTION 3: HAZARDS IDENTIFICATION (CON'T)

#### INHALATION:

ACUTE. Solvent vapors are irritating to their eyes nose and throat. Symptoms of irritation may include red, itchy eyes, dryness of the throat and a feeling of tightness in the chest. Other possible symptoms of overexposure include: headache, dizziness, nausea, narcosis fatigue and loss of appetite.

CHRONIC. Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.

#### INGESTION:

ACUTE. Can result in irritation of the digestive tract. Symptoms can include sore throat abdominal pain nausea, vomiting and diarrhea. Vomiting may cause aspiration of solvent resulting in chemical pneumonitis

CHRONIC – ND

CONDITIONS AGGRAVATED BY EXPOSURE: Skin disorders and allergies.

### SECTION 4: FIRST AID MEASURES

GENERAL: Remove person from affected area and make comfortable. Treat symptomatically.

EYES: Flush with water for 15 minutes. Get medical attention.

SKIN: Remove product and flush affected area with water for 15 minutes. If irritation persists get medical attention.

INHALATION: Move to fresh air. Give assisted respiration if breathing has stopped or is labored (call a physician).

INGESTION: Give 3 - 4 glasses of water or milk if person conscious. Do not induce vomiting! Obtain medical care and treatment.

### SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 20°C (-4°F) TCC (ACETONE)

CONDITIONS OF FLAMMABILITY: NA

FLAMMABLE LIMITS: (ACETONE) LEL: 2.6% UEL: 12.8%

OSHA CLASS: FLAMMABLE LIQUID, PACKING GROUP II

AUTO IGNITION TEMP: 465°C (869°F)

HAZARDOUS COMBUSTION PRODUCTS: CO, CO<sub>2</sub>, ALDEHYDES, ACIDS

SENSITIVITY TO IMPACT: ND

SENSITIVITY TO STATIC DISCHARGE: ND

EXTINGUISHING MEDIA: Ignition may give rise to a class b fire. In case of fire use: water fog, carbon dioxide, dry chemical, alcohol foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Water spray is useful in cooling fire-exposed vessels and in dispersing vapors.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. Solvent vapors may be heavier than air. Under conditions of stagnant air, vapors may build up and travel along the ground to an ignition source.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off sources of ignition. Cover spills with absorbent. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains, and waterways.

### SECTION 7: HANDLING AND STORAGE

GENERAL: Store in cool, well ventilated areas. Keep away from heat and open flames. Avoid prolonged inhalation of heated vapors or mists. Avoid prolonged skin contact. Use non-sparking tools and grounding cables when transferring. Containers may be hazardous when empty.

STORAGE: Avoid temperature extremes. Store away from excessive heat, from sources of ignition and from reactive materials. Material can burn; limit indoor storage to areas equipped with automatic sprinklers. Store out of direct sunlight in a cool place. Keep containers tightly closed. Ground all metal containers during storage and handling.

### SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

INGREDIENTS (CAS)	EXPOSURE LIMITS (ppm)				OTHER
	OSHA		ACGIH		
	TWA	STEL	STE		
000098-56-6	NE	---	NE	NE	
000067-64-1	75 0	NE	750	NE	
064742-95-6	NE	NE	NE	NE	

**LEGEND:** (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK NOTE  
1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

ENGINEERING CONTROLS: Exhaust ventilation sufficient to keep airborne concentration of the solvents below their respective TLV's. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES: Nitrile rubber

EYE PROTECTION: Splash-proof goggles or chemical safety glasses

RESPIRATORY PROTECTION: None required in adequately ventilated areas. If vapor concentration exceeds 20ppm for longer than 15 minutes, a niosh approved respirator for organic vapors is recommended.

OTHER PROTECTIVE EQUIPMENT: Long sleeved shirts and trousers. Emergency showers and eye wash stations should be readily accessible.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 56.2 C (133.2 F) (ACETONE)	SPECIFIC GRAVITY: 1.0-1.1
VAPOR PRESSURE: 180mm Hg (ACETONE)	MELTING POINT: ND
VAPOR DENSITY: 2.0 (AIR = 1)	EVAPORATION RATE: >1 (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: INSOLUBLE	pH: NA
COEFFICIENT of WATER/OIL DISTRIBUTION: ND	ODOR THRESHOLD: ND
APPEARANCE AND ODOR: CLEAR TO HAZY LIQUID, SWEET SOLVENT ODOR	
% VOLATILES BY VOLUME: 80%	%SOLIDS BY WEIGHT: 22%

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### SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE;

CONDITIONS TO AVOID: Not applicable (material is stable)

INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing agents (perchlorates, nitrates), strong acids, hypochlorites, peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>

HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR.

### SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENIC DATA: NTP: NONE

OSHA: NONE

IARC: NONE

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

OVEREXPOSURE EFFECTS: Lacrimation of eyes, skin irritation, dizziness. IRRITANCY: YES

SENSITIZER: YES

ACUTE TOXICITY EFFECTS: ORAL LD<sub>50</sub>: 11.4g/kg (Rats); DERMAL LD<sub>50</sub>: >20ml/kg (Rabbit); INHALATION: ND

### SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not readily biodegradable

ECOTOXICITY: ND

### SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Incineration is preferred. Comply with all federal, state and local regulations. Rcr classified hazardous waste with characteristic of ignitability.

### SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: PAINT

HAZARD CLASS: 3

UN NUMBER: UN1263

PACKAGING GROUP: II

DOT PRODUCT RQ LBS (KGS): 800 LBS. (362.9 KGS)

HAZARD LABEL: FLAMMABLE LIQUID

HAZARD PLACARD FLAMMABLE LIQUID

IMO SHIPPING DATA: UN1263, PAINT, HAZARD CLASS 3, PAKAGING GROUP II, FLAMMABLE LIQUID ICAO/IATA

SHIPPING DATA: UN1263, PAINT, HAZARD CLASS 3, PACKING GROUP II, FLAMMABLE LIQUID

PASSENGER AIR MAX QUANTITY: 60L

PASSENGER PACKING INSTRUCTION: 309

CARGO AIR- MAX QTY.: 220L

CARGO AIR INSTRUCTION NUMBER: 310

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<b>SECTION 15: REGULATORY INFORMATION</b>
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MATERIAL VOC = 37 gram / liter

COATING VOC= 100 gram/liter

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed in the tsca chemical substance inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): NA

SARA TITLE III

SECTION 312 HAZARD CLASS: Immediate (acute) health hazard, delayed health hazard; fire hazard.

SECTION 313 LISTED INGREDIENTS: NONE

CALIFORNIA PROPOSITION 65: The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: NONE

<b>SECTION 16: OTHER INFORMATION</b>
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**INITIAL ISSUE DATE: MAY 17, 2013    REVISION DATE: June 25, 2013    PREPARED BY: L. Anderson**

HAZARD RATING

HMIS:	HEALTH 2	FLAMMABILITY 3	REACTIVITY 0
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LEGEND

ACGIH:	AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGEIENISTS
OSHA:	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
STEL:	SHORT TERM EXPOSURE LIMIT
TWA:	TIME WEIGHTED AVERAGE
PEL:	PERMISSABLE EXPOSURE LIMIT
TLV:	THRESHOLD LIMIT VALUE
NA:	NOT APPLICABLE
NE:	NOT ESTABLISHED
ND:	NO DATA

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(NA = Not Applicable) (NE = Not Established) (ND = No Data) (NR = Not Required)