

Material Safety Data Sheet

Used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

SHERWIN INCORPORATED

5530 Borwick Avenue
South Gate, California 90280

562.861.5324 fax: 562.923.8370

IDENTITY (As on label and list)		DUBL-CHEK PENETRANT RC-88		Blank spaces are not permitted. Non-applicable items or unavailable information must be so noted	
Section I					
Manufacturer's Name		SHERWIN INCORPORATED		Emergency phone No.	Transportation Emergency: 800-424-9300 Sherwin Incorporated: 562-861-6324
Address		5530 BORWICK AVENUE		Information phone No.	562-861-6324
		SOUTH GATE, CA 90280		Date Prepared	August 2007
				Preparer's Signature	

Section II – Hazardous Ingredients Identity Information

Hazardous Components (Specific Chemical Name; Common Name(s))	OSHA PEL	ACGIH TLV	other limits recommended	% optional
Mixtures esters, phosphate/phthalate	CAS No. 29761-21-5 & 68515-45-7 unlisted	unlisted	--	--

* While exposure limits are not established, a general guideline for products of this type is 5 mg/m³ (8-hour time-weighted average).

HIMS - F-1, H-2, R-0, S-0

Section III – Physical/Chemical Characteristics

Boiling Point	440° F	Specific Gravity (H ₂ O = 1)	0.9050
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Not soluble, slightly miscible		
Appearance and Odor	Yellow, green liquid.		Petroleum odor.

Section IV → Fire and Explosion Hazard Data

Flash Point (method used)	200° F ASTM D 93	Flammable Limits	unknown	LEL	N/A	UEL	N/A
Extinguishing Media	CO-2	Foam		dry chemical			
Special Fire Fighting Procedures	Do not use direct stream of water; it spreads the fire. Product may float and reignite on surface of water.						
Unusual Fire & Explosion Hazards	On burning, this product can release toxic fumes and vapors. Firefighters should wear self-contained breathing apparatus and full protective clothing.						

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	Open flames, build up of vapors and hazards normally incompatible with petroleum oils.
	Stable	x		

Incompatibility (materials to avoid)

Normally unreactive; however, avoid strong oxidizing agents.

Hazardous Decomposition or Byproducts

Burning can produce toxic vapors which are harmful if inhaled as well as the following products: carbon monoxide and/or carbon dioxide.

Hazardous Polymerization	May Occur		Conditions to Avoid	none
	Will Not Occur	x		

Section VI — Health Hazard Data

Routes of Entry:	Inhalation?	primary	Skin?	primary	Ingestion?	not likely
Health Hazards (acute and chronic)	Swallowing: May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting and diarrhea. Skin absorption: Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material. Inhalation: Short term harmful effects are not expected from vapor generated at ambient temperature. Skin contact: causes irritation w/ discomfort, local redness and swelling. Prolonged contact may cause severe irritation. Effects may be prolonged. Eye contact: Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, w/ marked excess redness and swelling of the conjunctiva. Corneal injury may occur.					
Carcinogenicity:	NTP?	N/A	IARC monographs?	N/A	OSHA regulated?	N/A

Signs & Symptoms of Exposure

Repeated skin contact may cause dermatitis.

Medical Conditions Generally Aggravated by Exposure

Skin contact may aggravate existing dermatitis.

Emergency & First Aid Procedures

Swallowing: DO NOT INDUCE VOMITING. Obtain medical attention. **Skin:** Remove contaminated clothing. Wash skin w/ soap and water. If irritation persists or if contact has been prolonged, obtain medical attention. **Inhalation:** Remove to fresh air. **Eyes:** Immediately flush eyes w/ water and continue washing for at least 15 minutes. Obtain medical attention w/o delay, preferably from an ophthalmologist.

Section VII — Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled	Wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spills immediately w/ inert materials (e.g. sand, earth). Avoid discharge to natural waters. Transfer liquids and solids, diking material to suitable containers for recovery or disposal. The material is water-miscible and final clean-up w/ water to remove surface residue is permissible. Immediately extinguish all flames and sources of ignition.
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Waste Disposal Method

Incinerate in a furnace where permitted under Federal, State and Local regulations.

Storing & Handling Precautions

Handling: Do not splash or create mists or vapors. **Storage:** Store away from high temperatures and open flames. Keep containers closed.

Other Precautions

Use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Emptied containers retain vapor and product residues. DO NOT cut or weld on or near the container.

Section VIII — Control Measures

Specific Respiratory Protection		Use NIOSH approved respirator if vapors or mist is generated.	
Ventilation	Local Exhaust	Advisable	Special none
	Mechanical (general)	room ventilation is expected to be satisfactory	Other none
Protective Gloves	Chemical resistant		Eye Protection Monogoggles or chemical safety when possibility of splashing.
Other Protective Clothing/Equipment		Chemical apron, eye bath, safety shower.	
Work/Hygenic Practices		Wash thoroughly after handling.	