Material Safety Data Sheet

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

SHERWIN INCORPORATED

5530 Borwick Aveune
South Gate, California 90280

562.861.6324 fax: 562.923.8370

IDENTITY (As on label and list)	DUBL-CHEK PENETRANT DP-50	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	May 2010
		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
Ethoxylated C12-C14 Secondary Alcohols Mixture. A nonionic surface active agent or "wetting agent" (detergent)	CAS no. 84133-50-6	unlisted	unlisted	--	--
		While exposure limits are not established, a general guideline for products of this type is 5 mg/m^3 (8-hour time-weighted average)			
Light Naphtenic Distillate containing	CAS no. 64742-53-6	unlisted	unlisted	--	--
Medium Aliphatic Solvent Naphtha	CAS no. 64742-88-7	--	--	--	--

** (SEE SEPARATE MSDS FORM FOR DP50 AEROSOL)

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

Section III — Physical/Chemical Characteristics

Boiling Point	300^0 F	Specific Gravity (H_20 = 1) approximately	0.85
Vapor Pressure (mm Hg.) @ 77^0 F	1.0 mm	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	0.1
Solubility in Water	Emulsifiable		
Appearance and Odor Red liquid.	Petroleum odor		

Section IV — Fire and Explosion Hazard Data

Flash Point (method used)	200 ^{0} F ASTM D 93	Flammable Limits	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. Firefighters should wear self-contained breathing apparatus and protective clothing			
Unusual Fire & Explosion Hazards	On burning, this product can release toxic fumes and vapors.			

DP 50

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 opthalmologist.

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 permissable. Immediately extinguish all flames and sources of ignition.

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.