

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200.

SHERWIN INCORPORATED

5530 Borwick Avenue South Gate, California 90280

Phone: 562-861-6324 Fax: 562-923-8370

IDENTITY (as Used on Label and List)

DUBL-CHEK DEVELOPER D-100, D-104 & D-350

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name

SHERWIN INCORPORATED

Emergency Telephone Number

TRANSPORTATION EMERGENCY: 800-424-9300

SHERWIN INCORPORATED; 562-861-6324

Address (Number, Street, City, State and ZIP Code)

5530 BORWICK AVE.

Telephone Number for Information

562-861-6324

SOUTH GATE, CA 90280

Date Prepared January 2012

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropyl Alcohol	CAS no. 67-63-0	400 ppm	400 PPM		90-99
Talc, Hydrous Magnesium Silicate	CAS no. 14807-96-6	2 mg/m ³ TLV TWA (respirable dust)			1-10

*(SEE SEPARATE MSDS FOR MATERIAL PACKAGED IN AEROSOL SPRAY CANS)

FLAMMABLE

HIMS – H-1, F-3, R-0

Boiling Point	180°F	Specific Gravity (H ₂ O = 1) approximately	0.79
Vapor Pressure (mm Hg)	33 mm Hg @ 20°C	Melting Point	N/A
Vapor Density (AIR = 1)	2.1	Evaporation Rate (Butyl Acetate = 1)	1.4
Solubility in Water	Complete except for powder		
Appearance and Odor	White powder suspension. Fragrant, mint-like		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
54°F ASTM D 56 Tag closed cup		2.0	12.0
Extinguishing Media	Water fog	Carbon dioxide	Foam
			Dry chemical
Special Fire Fighting Procedures	WARNING FLAMMABLE: Clear fire area of unprotected personnel. Do not enter fire space without full bunker gear (helmet w/face shield, bunker coats gloves and rubber boots). Including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.		
Unusual Fire and Explosion Hazards	Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.		

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid Avoid heat, sparks, flame and contact w/strong oxidizing agent. Do not store or handle aluminum equipment at temperatures above 120 degrees F.
	Stable	X	
Incompatibility (Materials to Avoid)			

Hazardous Decomposition byproducts **Carbon monoxide and unidentified organic compounds may be formed during combustion.**

Hazardous Polymerization	May occur		Conditions to
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Primary	Skin?	Primary	Ingestion?	Not likely
Health hazard Acute & chronic Intentional abuse, misuse or other massive exposure to IPA may result in difficult breathing, nausea, vomiting and headache accompanied by various degrees of CNS depression. Coma and/or death are even possible.						
Carcinogenicity	NTP?	No	IARC Monographs?	No	OSHA Regulated?	No

Signs and Symptoms of Exposure **Eye and skin contact-irritation. Inhalation-irritation to nose, throat respiratory tract, possible giddiness, headache and CNS depression. Ingestion-giddiness, nausea.**

Medical Conditions
Generally Aggravated by Exposure **Pre-existing skin, eye and respiratory disorders by exposure to IPA.**

Emergency and First Aid Procedures: **SWALLOWING: If conscience, immediately induce vomiting by giving 2 glasses of water and sticking a finger down the throat. Keep victim's head below his hips while vomiting so he does not breathe the vomitus into his lungs. Get immediate medical attention. SKIN: Remove contaminated clothing. Wash skin w/soap and water. If irritation persists of if contact has been prolonged, Obtain medical attention. INHALATION: Remove to fresh air; artificial respiration and medical attention, EYES: Immediately flush eyes w/water and continue washing for at least 15 minutes; get medical attention.**

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or spilled: **WARNING! FLAMMABLE. Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. LARGE SPILLS: Evacuate the hazard area of personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor clouds form, water fog may be used to suppress; contain run-off. Dilution of the spill w/large quantities of water reduces the risk of fire. Remove w /vacuum trucks or pump to storage/salvage vessels. Soak up residue w/an absorbent; place in nonleaking containers for proper disposal. Flush area w/ water to remove trace residues; dispose of flush solutions as above. SMALL SPILLS; take up w/absorbent material and place in nonleaking container: Seal tightly for proper disposal. .**

Waste Disposal Method **Under EPA--RACA (40CFR 261.21) if this product becomes a waste material, it would be ignitable hazardous waste. Hazardous waste number D001. Refer to latest EPA or state regulations regarding waste disposal. .**

Precautions to Be Taken in Handling and Storing **Keep away from heat, sparks, and flames. Store in a cool dry, well ventilated place away from incompatible materials. Vent container frequently, and more often in warm weather, to relieve pressure. Electrically ground all equipment when handling this product and use only on non-sparking tools. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. DO NOT get in eyes, skin, or clothing.**

Other Precautions: **DO not cut, grind, weld, or drill on or near the container. Containers even those that are emptied, will retain product residues and vapors. Always obey hazard warnings and handle empty containers as if they are full.**

Section VII—Control Measures

Respiratory Protection (<i>Specify Type</i>)		If use conditions generate vapors or mist uses a NIOSH approved respirator to prevent overexposure. In accord w/ 29 CFR 1910.134 use either atmosphere-supplying or an air-purifying respirator.	
Ventilation	Local Exhaust	Capable of maintaining emissions at the point of use below PEL	Special Use explosion proof ventilation equipment
	Mechanical (<i>General</i>)		
Protective Gloves		Chemical resistant	Eye Protection Splash goggles or face shield.
Other Protective Clothing or Equipment		Wear chemical resistant gloves and other clothing such as aprons as required minimizing contact. Published data indicates best protection from nitrile; neoprene and natural rubber gloves.	
work / Hygienic Practices		Wash hands before eating, drinking, smoking or using toilet facilities after use. Launder contaminated clothing before reuse. <i>Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until vapor is gone.</i>	