

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME  
 SHERWIN-WILLIAMS DIVERSIFIED BRANDS, INC  
 26300 Fargo Avenue  
 Bedford Heights, OH 44146

EMERGENCY TELEPHONE NO  
 (216) 566-2917

DATE OF PREPARATION  
 26-JAN-96

INFORMATION TELEPHONE NO  
 (216) 292-7400

Section I - PRODUCT IDENTIFICATION

PRODUCT NUMBER  
 ZB55903

HMIS CODES  
 Health  
 Flammability  
 Reactivity

PRCDUCT NAME  
 LUBRICANT

PRODUCT CLASS  
 Aerosol Lubricant

Section II -- HAZARDOUS INGREDIENTS

INGREDIENT	GAS No.	% by WT	ACGTH	OS	JIA	V.P
Propane	74-98-6	8	TLV	1000	PPM	760.00
Butane	106-97-8	22	800	800	PPM	760.00
Heptzane	142-82-5	STEL	400	400	PPM	50.00
Mineral Spirits	64742-88-7	2	100	100	PPM	2.00
2 -Propanal	67 63-0	26	400	400	PPM	33.00
ACETONE.	67-64-1	35	750	750	PPM	180.00
		STEL	1000	1000	PPM	

Section III -- PHYSICAL DATA

PRODUCT WEIGHT -- 5.87 lb./gal. EVAPORATION RATE --Faster than Ether  
 SPECIFIC GRAVITY -- 0.71 VAPOR DENSITY -- Heavier than air  
 BOILING POINT -- <0 -395 F MELTING POINT -- NA.  
 VOLATILE VOLUME - 99% SOLLIBILITY IN WATER -- NA.  
 VOLATILE WEIGHT -- 97.60 % (less Federally Exempt Solvents)  
 HM1S -- 2 4.0

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT  
 Propellant. < 0 F LEL 1.0 UEL 12.8

EXTINGUISHING MEDIA  
 Carbon Dioxide, Dry Chemical, Foam

Continued on page 2

UNUSUAL FIRE AND EXPLOSION HAZARDS

Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

---

Section V -- HEALTH HAZARD DATA

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use- To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized -

EMERGENCY AND FIRST AID PROCEDURES

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED, Get medical attention.

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver and urinary systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

---

Section VI -- REACTIVITY DATA

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION  
Will not occur

---

Section VII --SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

---

Section VIII - - PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes Wash hands after using.

VENTILATION

Local exhaust preferable General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated side shields.

---

Section IX -- PRECAUTIONS

DOL STORAGE CATEGORY

1A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NPPA Code. Use approved Bonding and Grounding procedures. Contents under Pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X -- OTHER REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	%by WT % Element
---------	-------------------	------------------

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition, and hazards of the product. since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection any use of this information.

ENVIRONMENTAL DATA SHEET

SHERWIN-WILLIAMS DIVERSIFIED BRANDS, INC  
 26300 Fargo Avenue  
 Bedford heights, 011 44146  
 26 - JAN 96

All data given below axe MAXIMUM Theoretical VALUES based on the product AS CURRENTLY FORMULATED Variations may occur on individual batches due to adjustments made during production.

PRODUCT  
 ZB55903

\* - Trade Mark

LUBRICANT

PRODUCT WEIGHT	SPECIFIC GRAVITY	FLASH POINT				
5.87 LB/GAL	0.71	-20 F TCC				
HAZARD CATEGORY (FOR SARA 321/312)						
Acute Fire						
	SARA 302 EHS	CERC.	SARA 313 TC	HAPS 112	Pct by Wt	Pct by Vol

-----  
 VOLATILE INGREDIENTS

Propane	N	N	N	N	8	11
74-98-6						
Butane	N	N	N	N	22	27
106-97-S						
Heptane	N	N	N	N	5	5
142-82-5						
Mineral Spirits	N	N	N	N	2	2
64742-88-7						
2 -Propanol	N	N	N	N	26	23
67-63-0						
Acetone	N	Y	N	N	35	31
67-64 -1						

AIR QUALITY DATA

Percent Volatile (=Organic Volatiles)	97.6 by wt	99.4 by vol
Percent Non-Volatile	2.4 by wt	0.6 by vol
Volatile Organic Compounds (VOC)-Total	5.73 lb/gal	686 g/l
VOC per gal. (1.) of Coating less Water	5.73 lb/gal	686 g/l
VOC per gal. (1.) of Solids	923.24 lb/gal	110641 g/l
VOC per Pound of Solids	40.67 lbs/lb	
HAPS per Pound of Solids	Not Applicable	
Density of Organic Solvent Blend	5.76 lb/gal	
Photochemically Reactive	NO	

## WASTE DISPOSAL

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.