



Material Safety Data Sheet

Western Automotive Finishes
101 Prospect Ave. N.W.
Cleveland, OH 44115

Emergency telephone number
Information telephone number
Date of preparation

(216) 566-2917
(216) 566-2902
December 10, 1999

©1999, Western Automotive Finishes

DIMENSION™ Reducers

DR600/W1

— Section 2 — CAS No. Hazardous Ingredients (percent by weight)		ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	DR631 Fast	DR632 Fast/ Medium	DR633 Medium	DR634 Medium/ Slow	DR635 Slow	DR636 Very Slow
108-88-3	§ Toluene.	50	100 <150>	PPM (Skin)	22.0	26					
98-56-6	p-Chlorobenzotrifluoride.	Not Established			5.3						13
67-64-1	Acetone.	500 <750>	1000	PPM	180.0	29	28	29	29	24	23
78-93-3	§ Methyl Ethyl Ketone.	200 <300>	200 <300>	PPM	70.0	43	24	10	10		
5440-89-1	5-Ethyl-2-nonanone	Not Established								3	9
927-49-1	Diamyl Ketone.	Not Established								2	8
110-43-0	Methyl n-Amyl Ketone.	50	100	PPM	2.1		5	24	49	51	14
763-69-9	Ethyl 3-Ethoxypropionate.	Not Established			1.1		6	6	8		
123-86-4	n-Butyl Acetate.	150 <200>	150 <200>	PPM	10.0		36	31			
112-07-2	§ 2-Butoxyethyl Acetate.	Not Established			1.0				3	19	31
Weight per Gallon (lbs.)						6.78	6.94	6.92	6.82	6.91	7.48
VOC (Volatile Organic Compounds) Total - lbs./gal.						4.80	4.96	4.94	4.83	5.26	4.76
VOC Less Water & Federally Exempt Solvents - lbs./gal.						6.86	7.08	7.06	6.91	7.02	7.33
Photochemically Reactive						Yes	No	No	No	No	No
Flash Point (°F)						20	20	20	20	20	20
HMIS (NFPA) Rating (health - flammability - reactivity)						2 - 3 - 0	2 - 3 - 0	2 - 3 - 0	2 - 3 - 0	2 - 3 - 0	2* - 3 - 0
PAINT-SAFE® Personal Protection						J3	J3	J3	J3	J3	J3

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

Section 3 — Physical Data

PRODUCT WEIGHT	See TABLE	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	0.82-0.90	VAPOR DENSITY	Heavier than Air
BOILING RANGE	132-464 °F	MELTING POINT	N.A.
VOLATILE VOLUME	99 %	SOLUBILITY IN WATER	N.A.

Section 4 — Fire And Explosion Hazard Data

FLAMMABILITY CLASSIFICATION	FLASH POINT	See TABLE	LEL	0.5	UEL	12.8
RED LABEL -- Extremely Flammable, Flash below 21 °F						
EXTINGUISHING MEDIA						
Carbon Dioxide, Dry Chemical, Foam						
UNUSUAL FIRE AND EXPLOSION HAZARDS						
Keep containers tightly closed. 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 5 — Health Hazard Data

ROUTES OF EXPOSURE	
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. Alcohols and acetates can be absorbed through the skin. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.	
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	
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.	
Redness and itching or burning sensation may indicate eye or excessive skin exposure.	
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 laundry before re-use.
If in EYES:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED:	DR631 => Never give anything by mouth to an unconscious person.
	DO NOT INDUCE VOMITING. Give conscious patient several glasses of water. Seek medical attention.
	Other Products => Get medical attention

CHRONIC Health Hazards	
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.	
Methyl Ethyl Ketone may increase the nervous system effects of other solvents.	
Prolonged overexposure to solvent ingredients in the following products may cause adverse effects to organ systems:	
• DR635, DR636	liver, urinary & blood forming
• DR632, DR633 & DR634	liver, urinary, blood forming & reproductive
• DR631	liver, urinary, cardiovascular & reproductive
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.	

Section 6 — 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 7 — 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 these products 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. Waste from products containing Methyl Ethyl Ketone may also require extractability testing.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 8 — 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 2 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 2.
PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.
EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

Section 9 — Precautions

DOL STORAGE CATEGORY — 1B
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Contents are EXTREMELY FLAMMABLE. 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 NFPA Code. Use approved Bonding and Grounding procedures.
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. 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 10 — Other Regulatory Information

CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

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