MATERIAL SAFETY DATA SHEET

— SECTION I —
PRODUCT IDENTIFICATION

DUPLICOLOR PRODUCTS GROUP
DIVERSIFIED BRANDS
A SHERWIN-WILLIAMS COMPANY
31500 SOLON ROAD
SOLON, OH 44139

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DATE OF PREPARATION
15 - Apr - 96

Nu-Hue®

NUHUE/DC

— SECTION II —

CAS No.	HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	*Nu-Hue® General Purpose Enamels*						*Nu-Hue® Sandable Primers*			
						NH 500 Gloss Black	NH 505 Flat Black	NH 542 Apple Red	NH 570 Gloss White	NH 580 Chrome Aluminum	NH 595 Clear Plastic	NH 594 Red Oxide	NH 598 Black Hot Rod	NH 599 Gray Primer	
74-98-6	Propane		1000	PPM	760.0	15	15	15	15	15	15	14	14	14	
106-97-8	Butane	800	800	PPM	760.0	15	15	15	15	15	15	13	13	13	
4742-89-8	V. M. & P. Naphtha	300	300 <400>	PPM	12.0							3	3	3	
4742-88-7	Mineral Spirits	100	100	PPM	2.0					16					
108-88-3 §	Toluene	50	100 <150>	PPM (Skin)	22.0			4		26	10	19	18	18	
100-41-4 §	Ethylbenzene	100 <125>	100 <125>	PPM	7.1	3	3	3	3		3				
1330-20-7 §	Xylene	100 <150>	100 <150>	PPM	5.9	16	19	16	18		15				
4742-94-5	Med. Aromatic Hydrocarbons	Not Established			0.1					3					
67-64-1	Acetone	750 <1000>	750 <1000>	PPM	180.0	35	35	35	35		35	40	40	40	
4807-96-6	Talc	2	2	MG/M3	as Resp Dust		6		6			4	4	4	
3463-67-7	Titanium Dioxide.	10	10[5]	MG/M3 [Resp.	as Dust Fraction]				6					2	
§	Zinc Compound [% Zinc]													2[1.2]	
	Weight per Gallon (lbs.)					6.04	6.18	6.03	6.20	6.45	5.97	6.21	6.21	6.23	
	VOC as a percent by weight, BAAQMD Rule 49					49	52.7	53.8	52.2	74.4	57.5	50.2	50.0	49.6	
	Volatile Organic Compounds (VOC) - Total (lbs./gal.)					2.93	3.23	3.22	3.20	4.80	3.40	3.12	3.10	3.09	
	HMIS (NFPA) Rating (health - flammability - reactivity)					2 4 0	2 4 0	2 4 0	2 4 0	2 4 1	2 4 0	2 4 0	2 4 0	2 4 0	

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

→→→ *MSDS Text Page Follows* →→→

Section III — PHYSICAL DATA

PRODUCT WEIGHT	– N.A.	*EVAPORATION RATE*	– Faster than Ether
SPECIFIC GRAVITY	– N.A.	*VAPOR DENSITY*	– Heavier than Air
BOILING RANGE	– <0-698 °F	*MELTING POINT*	– N.A.
VOLATILE VOLUME	– >75 %	*SOLUBILITY IN WATER*	– N.A.

Section IV — FIRE AND EXPLOSION HAZARD DATA

BABILITY CLASSIFICATION *FLASH POINT* <0 F PMCC *LEL* 1.0 *UEL* 12.8
IED LABEL – Extremely Flammable, Flash below 21 °F
INGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam
SUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme
. Isolate from heat, electrical equipment, sparks and open flame. Application to hot sur-
s requires special precautions. During emergency conditions overexposure to decomposition
ucts may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical
ntion.
CIAL FIRE FIGHTING PROCEDURES
full protective equipment including self-contained breathing apparatus should be used.
r spray may be ineffective. If water is used, fog nozzles are preferable. Water may be
l to cool closed containers to prevent pressure build-up and possible autoignition or
.osion when exposed to extreme heat.

Section V — HEALTH HAZARD DATA

TES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use.
inimize exposure, follow recommendations for proper use, ventilation, and personal
tective equipment.
TE Health Hazards
CTS OF OVEREXPOSURE
Irritation of eyes, skin and respiratory system. May cause nervous system depression.
treme overexposure may result in unconsciousness and possibly death.
NS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure
vapors or spray mists.
Redness and itching or burning sensation may indicate eye or excessive skin exposure.
ICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.
RGENCY 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.
F SWALLOWED: Never give anything by mouth to an unconscious person. Give several glasses of water. Seek medical attention.
CNRC Health Hazards
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to liver, urinary, blood-forming, cardiovascular, and reproductive systems.
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain nervous system damage.

Section VI — REACTIVITY DATA

BILITY – Stable
MPATIBILITY
None known.
ARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride
ARDOUS 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.
These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
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.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.
PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section II.
EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY – 1A
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.
Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120 °F. 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

CALIFORNIA PROPOSITION 65
These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures.
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 with any use of this information.