140-L Series

MATERIAL SAFETY DATA SHEET

86 FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor 'Essentially Similar' to form OSHA-20)

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Section I -- PRODUCT IDENTIFICATION

PRODUCT NAME
Lacquer

* - Trade Mark

PRODUCT NUMBERS AND COLORS

140-0936	Mirror Black	140-0969	Clear Acrylic.
140-0951	Glistening White.	140-0977	Dead Flat Black

PRODUCT CLASS
Aerosol Acrylic Lacquer

Section II -- HAZARDOUS INGREDIENTS

CAS No.	INGREDIENT	% by WEIGHT**	ACGIH-TLV	OSHA-PEL	UNITS	V.P.
74-98-6	Propane (Propellant)	15	1000	1000	PPM	760.0
75-28-5	2-Methylpropane (Propellant)	0-15	1000		PPM	760.0
64742-89-8	Lt. Aliphatic Hydrocarbon Solvent.	0-5	100	500	PPM	53.0
64742-48-9	V. M. & P. Naphtha.	0-5	300		PPM	12.0
75-09-2	Dichloromethane	15-25	100	500	PPM	420.0
108-88-3	Toluene.	0-30	100	200	PPM	22.0
1330-20-7	Xylene.	0-5	100	100	PPM	5.9
67-56-1	Methanol	0-5	200	200	PPM	92.0
64-17-5	Ethanol	0-5	1000	1000	PPM	44.0
67-63-0	2-Propanol	0-5	400	400	PPM	33.0
78-92-2	2-Butanol	0-5	100	150	PPM	12.0
111-76-2	2-Butoxyethanol	0-5	25	50	PPM	0.6
67-64-1	Acetone.	10-25	750	1000	PPM	180.0
78-93-3	Methyl Ethyl Ketone.	0-15	200	200	PPM	70.0
110-19-0	Isobutyl Acetate.	0-5	150	150	PPM	12.5
763-69-9	Ethyl 3-ethoxypropionate.	<5	Not Estab.			0.9

** For specific percent hazardous ingredients in each product, see Section X

Section III -- PHYSICAL DATA

EVAPORATION RATE -- Faster than Ether
VAPOR DENSITY -- Heavier than Air

BOILING RANGE (F)	% VOLATILE VOLUME	WT/GAL
<0 - 325	>75	N.A.

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION FLASH POINT <0 F TCC LEL 0.7
RED LABEL -- Extremely Flammable, Flash below 21 F
EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

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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 V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE -- See Section II
EFFECTS OF OVEREXPOSURE
ACUTE: In a confined area vapors in high concentration are anesthetic. Overexposure may result in lightheadedness and staggering gait. Irritant to skin and upper respiratory system.
CHRONIC: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
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: Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Give several glasses of water. Seek medical attention.

Section VI -- REACTIVITY DATA

STABILITY -- Stable
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride
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.

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RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear respiratory device approved by NIOSH/MSHA for protection against materials in Section II.
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 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 -- PERCENT HAZARDOUS INGREDIENTS

	-0936	-0951	-0969	-0977
Propane (Propellant)	15	15	15	15
2-Methylpropane (Propellant)	—	—	15	—
Lt. Aliphatic Hydrocarbon Solvent.	<5	<5	—	—
V. M. & P. Naphtha.	<5	<5	—	—
Dichloromethane	15	20	25	20
Toluene.	<5	<5	30	—
Xylene.	<5	<5	—	—
Methanol	<5	—	—	—
Ethanol	—	<5	—	—
2-Propanol	<5	—	—	—
2-Butanol	<5	<5	—	<5
2-Butoxyethanol	—	<5	—	—
Acetone.	25	20	10	20
Methyl Ethyl Ketone.	15	15	—	10
Isobutyl Acetate.	<5	<5	—	<5
Ethyl 3-ethoxypropionate.	<5	<5	<5	<5

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.