

*** MATERIAL SAFETY DATA SHEET ***
 FOR COATINGS, RESINS AND RELATED MATERIALS PAGE: 1

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 SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : DV-2149
 PRODUCT NAME : WM-49 & LM-49 CLEAR COAT
 PRODUCT CLASS : Speciality Coats

HMIS RATING: -1-2-0-H

 SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	**TLV-UNITS PPM**			LOWER EXPOS LIMIT	VAPOR PRESSURE
	PERCENT WEIGHT	ACGIH- TWA PEL	ACGIH- STEL		
EXEMPT MINERAL SPIRITS	56.59	100.00	200.00	1.00	2.00
SUPER HI FLASH CAS#64742-95-6	0.09	100.00	150.00	1.00	3.00
<u>MANGANESE CAS#7439-96-5</u>	0.16	1.00	3.00	0.00	0.00
COBALT SOAP CAS#136-52-7	0.15	0.00	0.00	0.00	0.00
ZETHYLHEXANOIC ACID CAS#149-57-7	0.04	0.00	0.00	0.00	0.00

LEL is expressed in percent; Vapor expressed in mmHg.
 The above underlined items are found on Section 313 of the Toxic Chemical List.

 SECTION III - PHYSICAL DATA

BOILING RANGE: 300.00 to 340.00 deg. F.

VAPOR DENSITY: HEAVIER LIGHTER THAN AIR
 EVAPORATION RATE: FASTER SLOWER THAN ETHER

 SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

OSHA: COMBUSTIBLE LIQUID -CLASS II FLASH POINT: 100.00 deg. F.
 DOT: COMBUSTIBLE LIQUID

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical, Water Fog.
 Use any class B Approved Fire Extinguisher

UNUSUAL FIRE AND EXPLOSION HAZARD:

CLOSE CAN AFTER EACH USE. PROMPTLY DISCARD ALL
 USED RAGS OR TOWELS IN A WATER FILLED CONTAINER
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SECTION IV - FIRE AND EXPLOSION HAZARD DATA continued

FAILURE TO DO SO MAY RESULT IN SPONTANEOUS COMBUSTION.

SPECIAL FIREFIGHTING PROCEDURES:

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool containers to prevent pressure build-up and explosion. Use full protective equipment including self-contained breathing apparatus for protection.

SECTION V - HEALTH HAZARDS

EFFECTS OF OVER EXPOSURE:

Prolonged and repeated contact may cause defatting of skin with irritation. Liquid may cause irritation.

MEDICAL CONDITIONS PRONE TO AGGRAVATION:

Inhalation by persons with respiratory problems could have the condition additionally aggravated.

PRIMARY ROUTE OF ENTRY:

DERMAL INHALATION INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

Skin contact - flush afflicted areas with water.
Fumes - remove from exposure.
Eye Contact - irrigate with water for 15 minutes.
INGESTION: delute with water don't induce vomiting
unti consulting with a Doctor or Poison control

SECTION VI - REACTIVITY DATA

STABILITY UNSTABLE STABLE

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may yeild carbon monoxide.

CONDITIONS TO AVOID:

CLOSE CAN AFTER EACH USE. PROMPTLY DISCARD ALL USED RAGS OR TOWELS IN A WATER FILLED CONTAINER.
FAILURE TO DO SO MAY RESULT IN SPONTANEOUS COMBUSTION.

INCOMPATIBILITY (MATERIALS TO AVOID):

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove sources of ignition and provide ventilation. Use scoop on large spills and absorbent material on small spills. Avoid breathing vapor and use respiratory protection. Flush area with water. Hold clean-up materials for disposal.

WASTE DISPOSAL METHOD:

Dispose of in closed containers. Do not incinerate. Bury in landfill where permitted. Disposal should be done in accordance with federal, state and local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

For confined areas use an all purpose canister mask. (approved by Bureau of Mines)

VENTILATION:

Adequate ventilation should be provided to keep vapor concentration below the explosion limit. Heavy solvent vapors should be removed from lower work areas. All motors should be explosion proof.

PROTECTIVE GLOVES:

NITRILE/NEOPRENE GLOVES

EYE PROTECTION:

Safety glasses or face shield

OTHER PROTECTIVE EQUIPMENT:

Safety shower and eye bath

HYGIENIC PRACTICES:

Wash hands before eating or using washroom. Smoke in designated areas only.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS FOR HANDLING AND STORAGE:

Store in a cool place. Rotate stock. Workers should wear cotton clothing to guard against static charges.

OTHER PRECAUTIONS:

Do not take internally, avoid prolonged contact with skin, ground containers when pouring. Avoid static charges.

SECTION X - ADDITIONAL NON-HAZARDOUS INGREDIENTS

ANTI SKIN

THIXOTROPE

SECTION XI - DER REPORTING INFORMATION

PRODUCT NUMBER : DV-2149

COATING DENSITY	7.21	LB/GAL	PCT WEIGHT HAPs	0.32 %
VOC DENSITY	6.50	LB/GAL	PCT VOLUME HAPs	0.31 %
VOC(MINUS EXEPMTS)	4.12	LB/GAL		
			PCT WEIGHT VHAPs	0.00 %
LB HAPs/LB SOLID	0.01		PCT VOLUME VHAPs	0.00 %
LB VHAPs/LB SOLID	0.00			
LB VOC/LB SOLID	1.33			
PCT WEIGHT SOLIDS	42.94 %		PCT VOLUME SOLIDS	36.68 %
PCT WEIGHT VOC	57.06 %		PCT VOLUME VOC	63.32 %
PCT WEIGHT EXEMPTS	0.00 %		PCT VOLUME EXEMPTS	0.00 %

NOTES:

1. ABOVE VALUES ARE ON AS SUPPLIED BASIS AND DO NOT TAKE INTO ACCOUNT ANY ADDITIONS MADE PRIOR TO APPLICATION
2. VALUES ARE CALCULATED FROM FORMULAS AND ARE THEREFORE THEORETICAL IN NATURE

NOTE: The information herein is given in good faith, but no Warranty, express or implied, is made.