

Radiance – Oil-Modified Waterbase Polyurethane

DATE OF ISSUE: 1/09

Section 1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: HARCO CHEMICAL COATINGS, INC.

208 DUPONT STREET

BROOKLYN, NY 11222

EMERGENCY TELEPHONE NO: 718-389-3777

HEALTH: 1

FLAMMABILITY: 0

INFORMATION TELEPHONE NO: 718-389-3777

REACTIVITY: 0

MANUFACTURER'S CODE IDENTIFICATION: **6200 gloss, 6201 s/g, 6202 satin**

PRODUCT CLASS: WATERBASE OIL MODIFIED URETHANE

SECTION II - HAZARDOUS INGREDIENTS

	%	
N-METHYL-2-PYRROLIDONE	6	100ppm oel
CAS 872-50-4	30	N.A.
URETHANE POLYMER PROPRIETARY	64	N.A.
WATER		
7732-18-5		

SECTION III - PHYSICAL DATA

BOILING RANGE 185 f

VAPOR DENSITY HEAVIER THAN AIR

EVAPORATION RATE SLOWER THAN N - BUTYL ACETATE

PERCENT VOLATILE 68

WEIGHT PER GALLON 8.8

SPECIFIC GRAVITY 1.02

APPEARANCE : HAZY, MILKY

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A FLAMMABILITY CLASS N/A LEL: N/A

- EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE OR DRY CHEMICALS
- SPECIAL FIREFIGHTING PROCEDURES: FIREFIGHTER AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS
- UNUSUAL FIRE AND EXPLOSION HAZARDS : NONE KNOWN IRRITATING VAPORS MAY BE PRESENT IN FIRE SITUATION.

SECTION V -HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

There is no OSHA PEL or ACGIH established for the urethane polymer in this product.

There is no OSHA PEL or ACGIH TLV assigned for N-methyl pyrrolidone.

EFFECTS OF OVEREXPOSURE:

SKIN: This material may cause skin irritation or rash upon prolonged or repeated contact.

INHALATION: Excessive exposure to vapors or spray mists can cause irritation of eyes, nose and throat.

EYES: This material may be an eye irritant.

FIRST AID:

SKIN: Wash with soap and water immediately.

EYES: Flush with large quantities of water for 15 minutes and seek medical attention.

INGESTION: If ingested call a physician at once.

PRIMARY ROUTES OF ENTRY

Inhalation of vapors (especially if sprayed or heated.)

TOXICOLOGICAL INFORMATION:

This product does not contain 0.1% or more of any substance listed as a carcinogen by NTNP, IARC or OSHA.

N-METHYL-2-PYRROLIDONE:

LD50 (ORAL/RAT) 3914 MG/KG; LD50 (DRML/RABBIT) 8 G/KG

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

CONDITION TO AVOID- KEEP FROM FREEZING

INCOMPATIBILITY - NOT KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS - Under severe thermal degradation, low-molecular-weight organic compounds will be formed.

HAZARDOUS POLYMERIZATION: MAY OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

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

Clean up with water before allowing to dry. Sodium chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place coagulated waste in a closed container. Wear protective equipment during cleanup.

WASTE DISPOSAL METHOD :

At this time, this material or its containers would not be considered hazardous wastes as defined under the federal RCRA regulations (40 CFR) if discarded. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state and local regulations.

For further information, contact your state or local solid waste agency or the United States Environmental Agency's RCRA hotline (800-424-9346 or 202-382-3000.)

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Not generally required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated areas.

VENTILATION:

General ventilation is recommended during normal use. Local ventilation may be required during certain operations to prevent inhalation of vapors.

PROTECTIVE GLOVES:

Chemical-resistant nitrile, neoprene or rubber gloves required.

EYE PROTECTION: Wear face shield or chemical goggles.

OTHER PROTECTIVE EQUIPMENT:

Wear protective clothing to prevent skin contact. Eye wash station and safety shower should be available.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING :

Avoid prolonged or repeated inhalation of heated vapors or spray mists. Keep away from heat or open flame. Avoid prolonged or repeated skin contact.

KEEP FROM FREEZING.

SECTION X - SUPPLEMENTAL INFORMATION

REGULATORY INFORMATION: NONE

SARA & WHMIS HAZARD CLASSIFICATIONS:

This material is not categorized as a hazardous substance as defined by SARA Title III regulations

(40 CFR 370.) CANADIAN WHMIS CLASSIFICATION: D2A

SARA SECTION 313 LISTED INGREDIENTS: (SEE SECTION II)

DOT PROPER SHIPPING NAME: NOT REGULATED BY DOT - HMR