

MSDS: DURATHANE WATERBASE POLYURETHANE

DATE OF ISSUE: 1/09

Section 1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: HARCO CHEMICAL COATINGS
208 DUPONT STREET
BROOKLYN, NY 11222

EMERGENCY TELEPHONE NO: 800-424-9300

HEALTH: 1

FLAMMABILITY: 0

INFORMATION TELEPHONE NO: 718-389-3777

REACTIVITY: 0

MANUFACTURER'S CODE IDENTIFICATION: **6400 gloss, 6401 s/g, 6402 satin**

PRODUCT CLASS: HYDRATHANE WATERBASE URETHANE

SECTION II - HAZARDOUS INGREDIENTS

	%	
N-METHYL-2-PYRROLIDONE		
CAS 872-50-4	6	100ppm oel .29 mmhg vap press
triethylamine	1.5	10 acgih ppm oel
CAS 121-44-8		25 osha 54 mmhg vap press 40 acgih mg/m3 tox 100 osha
2-methoxypropanol	1	100 acgih ppm oel 10.9at mmhg vap press 360 acgih mgm3 tox

SECTION III - PHYSICAL DATA

BOILING RANGE 212-395 f
VAPOR DENSITY HEAVIER THAN AIR
EVAPORATION RATE SLOWER THAN ETHER
PERCENT VOLATILE 68
WEIGHT PER GALLON 8.8

SECTION IV - FIRE AND 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