

Material Safety Data Sheet

U.S. PACKAGING CORPORATION
440 DENNISTON COURT
WHEELING, ILLINOIS 60090

Product: MIDWEST HANDPIECE
CLEANER
Internal ID: 243/244

MSDS No: USP / 18
Revision: 2
Date: April 13, 1992

National Paint and Coatings Association	HEALTH HAZARD	1 - Slight
Hazardous Material Identification System	FLAMMABILITY HAZARD	2 - Moderate
	REACTIVITY HAZARD	0 - Minimal
	PERSONAL PROTECTION	A - Glasses

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: MIDWEST HANDPIECE CLEANER

Description: HANDPIECE CLEANER

Chemical Name: HYDROCARBON SOLVENT

PRODUCT MANUFACTURED BY U.S. PACKAGING CORPORATION FOR MIDWEST DENTAL PRODUCTS.
PLEASE DIRECT ALL REQUESTS FOR MATERIAL SAFETY DATA SHEETS TO MIDWEST.

Manufacturers: U.S. PACKAGING CORPORATION

MIDWEST DENTAL PRODUCTS

Phone: 708-459-5030

Phone: 708-640-4800

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
MIXTURE OF SATURATED C9-C12 HYDROCARBONS	64741-65-7	100	PEL:500 PPM; TLV:100 PPM

SARA (TITLE III):

THIS PRODUCT DOES NOT CONTAIN INGREDIENTS LISTED AS EXTREMELY HAZARDOUS UNDER SECTION 302. IF STORED IN EXCESS OF THE THRESHOLD QUANTITY, THIS PRODUCT SHOULD BE REPORTED UNDER SECTION 311 AND 312 AS A(N):

- FIRE HAZARD
- IMMEDIATE (ACUTE) HEALTH HAZARD
- DELAYED (CHRONIC) HEALTH HAZARD

SECTION III. PHYSICAL DATA

Appearance & Odor: PALE LIQUID - PETROLEUM ODOR

Boiling point: 355-400°F Specific gravity (H₂O=1): 0.76
Vapor pressure: <5 MMHG
Water solubility (%): 0
Vapor density (air=1): 5.3

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SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): 125°F (TCC) Limits: LEL %: 1 UEL %: 7
NFPA Fire Hazard Symbol Codes: Flammability: 2 Health: 1 Reactivity: 0 Special:

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM

Unusual fire or explosion hazards: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A GREAT DISTANCE ALONG THE GROUND TO AN IGNITION SOURCE AND FLASHBACK.

Special fire-fighting procedures: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS PRODUCT. PRODUCT WILL FLOAT ON WATER AND MAY RE-IGNITE.

SECTION V. REACTIVITY DATA

Material IS stable Hazardous polymerization CANNOT occur

Chemical incompatibilities: STRONG OXIDIZING AGENTS

Conditions to avoid: HIGH TEMPERATURES

Hazardous decomposition Products: CARBON MONOXIDE, NITROUS OXIDES

SECTION VI. HEALTH HAZARD INFORMATION

This product IS NOT considered a carcinogen by OSHA, NTP, IARC

Summary of risks: CONTACT WITH EYES CAUSES MINOR IRRITATION. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE MODERATE IRRITATION. EXCESSIVE INHALATION OF VAPORS CAUSES NASAL AND RESPIRATORY IRRITATION, NAUSEA, DIZZINESS, AND HEADACHE. INGESTION CAUSES GASTRO-INTESTINAL IRRITATION, NAUSEA, AND CRAMPS.

Medical conditions which may be aggravated by contact: PRE-EXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Target organs: NONE KNOWN

Primary entry route(s): INHALATION, SKIN/EYE CONTACT

Acute effects: EYE AND SKIN IRRITATION. RESPIRATORY IRRITATION POSSIBLE WITH EXCESSIVE INHALATION OF VAPORS.

Chronic effect(s): ASPIRATION OF PRODUCT INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. PROLONGED SKIN CONTACT CAN CAUSE DRY SKIN AND DEFATTING RESULTING IN IRRITATION AND DERMATITIS.

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HEALTH HAZARD INFORMATION continued from page 2

Signs & symptoms of overexposure:

Eye contact: REDNESS, TEARING, PAIN, AND BLURRED VISION.

Skin contact: REDNESS, DRY SKIN POSSIBLE WITH PROLONGED EXPOSURE.

Inhalation: DIZZINESS, HEADACHE, NAUSEA.

Ingestion: NAUSEA, GASTRO-INTESTINAL IRRITATION, CRAMPS.

First aid:

Eye contact: FLUSH WITH CLEAR WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

Skin contact: WASH WITH SOAP AND WATER.

Inhalation: REMOVE TO FRESH AIR. RESTORE NORMAL BREATHING. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR LOCAL POISON CONTROL CENTER IMMEDIATELY FOR INSTRUCTIONS.

ASPIRATION OF PRODUCT INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill / Leak procedures: SMALL SPILL - CONTAIN AND COLLECT PRODUCT WITH INERT ABSORBENT.

LARGE SPILL - ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. PERSONS NOT INVOLVED IN THE CLEAN-UP, AND NOT WEARING PROTECTIVE EQUIPMENT, SHOULD BE EVACUATED. CONTAIN AND COLLECT MATERIAL WITH INERT ABSORBENT AND PLACE IN CLOSED CONTAINERS WITH NON-SPARKING TOOLS. PREVENT PRODUCT FROM ENTERING WATER SUPPLY.

Waste management / Disposal: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles: CHEMICAL SPLASH GOGGLES

Gloves: NITRILE RUBBER

Respirator: AIR-SUPPLIED MASK IN CONFINED AREA OR IN EMERGENCY SITUATIONS.

Other: APRON TO PREVENT PROLONGED SKIN CONTACT.

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SPECIAL PROTECTION INFORMATION continued from page 3

Workplace considerations:

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Safety stations:

EYE WASH STATIONS.

Contaminated equipment:

LAUNDER BEFORE RE-USE.

PERSONAL PROTECTIVE EQUIPMENT SUGGESTIONS PERTAIN MAINLY TO EMERGENCY SITUATIONS INVOLVING A LARGE QUANTITY OF PRODUCT. EYE PROTECTION AND CLOTHING TO PREVENT PROLONGED SKIN CONTACT IS SUFFICIENT UNDER CONDITIONS OF NORMAL USE.

SECTION IX. SPECIAL PRECAUTIONS

Special handling / storage: STORE IN CLOSED CONTAINERS.

Other precautions: EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES WHICH MAY BE CONSIDERED HAZARDOUS. ALL PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

Prepared/revised by: P.A. ZOUBEK

April 13, 1992

NOTICE: THE INFORMATION PROVIDED HEREIN IS BASED ON THE CONTENT OF MATERIAL SAFETY DATA SHEET(S) PROVIDED BY THE MANUFACTURER(S) OF THE VARIOUS COMPOUNDS WHICH ARE USED IN THE FORMULATION OF THIS PRODUCT. ALTHOUGH THE INFORMATION PROVIDED HEREIN IS AN ACCURATE PRESENTATION OF THE ORIGINAL MATERIAL SAFETY DATA SHEET(S) SAFETY INFORMATION, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE FOREGOING DATA AND SAFETY INFORMATION.