

NATIONAL SANITARY SUPPLY CO.  
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Emergency No. 1-800-535-5053 (INFOTRAC)  
Call nearest Sales Office for MSDS Information

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

Product Name: COMMAND GYM FINISH (URETHANE GYM FINISH) Date Issued: 03/25/92  
Chemical Name or Family: COATINGS PRODUCT Supercedes: 07/00/90  
National Item #: 9891XX

SECTION 2: INGREDIENTS CAS NUMBER PERCENT OTHER

INGREDIENTS	CAS NUMBER	PERCENT	OTHER
STANDARD SOLVENT	8052-41-3	30%	TLV TWA 100.00 PPM TLV STEL NOT ESTAB OSHA PEL 100.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
MINERAL SPIRITS	64742-47-8	30%	TLV TWA 100.00 PPM TLV STEL NOT ESTAB OSHA PEL 100.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB

N/A = Not Applicable; N/D = Not Determined

SECTION 3: PHYSICAL DATA

Boiling Point (F): 315 DEG F Specific Gravity: 0.88  
Vapor Pressure mm Hg AT 68 DEG F: 2.0 % Volatile (By Volume): 67.53  
Vapor Density (Air=1.0): 5.1 Evaporation Rate (Butyl Acetate= 1)  
Solubility in Water: NO  
Appearance, and Odor:

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (CC/PM) DEG F: 105  
Flammable Limits: LEL= 1.00 UEL= 6.00  
Extinguishing Media: IN CASE OF FIRE, USE WATER SPRAY (FOG), ALCOHOL FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.  
WATER SPRAY MAY BE USED TO COOL CONTAINERS AND KEEP EXPOSED MATERIAL FROM BEING DAMAGED BY FIRE.  
Special Fire Fighting Procedures: FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATS OR AIR MASKS. CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.  
Unusual Fire & Explosion Hazards: CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF PRESSURE WHEN EXPOSED TO HEAT.

SECTION 5: REACTIVITY DATA

Stability: STABLE

Incompatibility - Materials to Avoid: NA

Hazardous Polymerization: NONE

Conditions to Avoid: NONE

Hazardous Decomposition Products: AMMONIA COMPOUNDS, NITROGEN OXIDES, CARBON DIOXIDE/MONOXIDE

SECTION 6: SPILL, LEAK AND DISPOSAL PROCEDURES

VENTILATE AREA - AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR ORGANIC VAPOR MASK FOR LARGE SPILLS IN A CONFINED AREA.  
ELIMINATE IGNITION SOURCES.  
REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. AVOID CONTACT WITH EYES.  
Waste Disposal Method:  
DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

SECTION 7. HEALTH HAZARD DATA

Threshold Limit Value: NOT REQUIRED FOR MIXTURE.

Effects of Overexposure:

Immediate Effects (Acute):

HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY IRRITATION.

OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT, MAY CAUSE NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION.

DELAYED EFFECTS (CHRONIC):

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE TO ANY RESPIRATORY OR SKIN CONDITION.

SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

Skin Contact: WASH THOROUGHLY WITH SOAP AND WATER.

Clothing:

REUSE: THOROUGHLY CLEAN CONTAMINATED SHOES.

Inhalation: IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR.

Swallowing: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

Possible Routes of Entry: INHALATION, INGESTION, SKIN ABSORPTION.

SECTION 9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSA APPROVED) DURING AND AFTER APPLICATION UNLESS AIR MONITORING VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

Ventilation: REQUIRED WHEN SPRAYING OR APPLYING IN CONFINED AREA.

Protective Clothing:

AVOID CONTACT WITH EYES. WEAR CHEMICAL GOGGLES IF THERE IS THE POSSIBILITY OF CONTACT OR SPLASHING IN THE EYE. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL RESISTANT GLOVES AND OTHER CLOTHING TO KEEP EXPOSURE TO A MINIMUM. COVER ARMS AND LEGS.

CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY IN CASE OF EXPOSURE.

SECTION 10. ADDITIONAL INFORMATION AND PRECAUTIONS

Precautions to be Taken in Handling and Storage:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. BASED ON THE PRODUCT FLASH POINT AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910.106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION; IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS; UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETERS; MPPCF-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH ADMINISTRATION; NA-NOT APPLICABLE; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM; PEL-LEL; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION; TCC/PM-TAG CLOSED CUP/PENSKY-MARTIN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALUES.

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SECTION II ADDITIONAL INFORMATION  
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HPIS RATING: HEALTH -3 FLAMMABILITY -2 REACTIVITY -0  
PERSONAL PROTECTION -8

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THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE.  
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