# MATERIAL SAFETY DATA SHEET NPCA 1-84 FOR COATINGS, RESINS, AND RELATED MATERIALS

#### REPLACES NPCA 1-82

MANUFACTURER\*S NAME

EMERGENCY TELEPHONE #

UNITED GILSONITE LABORATORIES 🔊

(717) 344-1202

JEFFERSON AVE & NEW YORK ST.

SCRANTON, PA 18501

DATE OF PREPARATION

INFORMATION TELEPHONE #

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MAY 1989

(717) 344-1202

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 285

PRODUCT NAME: D-GLOSS LIQUID SANDER AND CLEANER

PRODUCT CLASS: SOLVENT BLEND - A MIXTURE

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	PERCENT (WT)	OCCUPATIONAL		VAPOR
			EXPOSURE TLV	LIMITS PEL	PRESSURE MMHG
ACETONE*	67-64-1	5	750PPM	1000PPM	213 @75F
MINERAL SPIRITS	8052-41-3	25	100PPM	500PPM	<10 a77F
METHANOL - POISON*	67-56-1	35	200PPM	200PPM	96 a68F
TOLUENE*	108-88-3	3 5	100PPM	200PPM	54 a77F

\* THIS PRODUCT CONTAINS THESE CHEMICALS SUBJECT TO THE REPORTING REQUIREMENT OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR-372.

MG/CM = MILLIGRAMS PER CUBIC METER

< = LESS THAN

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N/A = NOT APPLICABLE

PPM = PARTS PER MILLION

MPPCF = MILLION OF PARTICLES PER CUBIC FOOT

MMHG = MILLIMETERS OF MERCURY

SECTION III - PHYSICAL DATA

BOILING RANGE 133F-390F VAPOR DENSITY (X) HEAVIER () LIGHTER THAN AIR EVAPORATION RATE () FASTER (X) SLOWER THAN ETHER

VOLATILE VOLUME 100.0

WT/GAL 6.78 LBS/GALLON

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

FLASH POINT 35F LEL 0.9%(V)

OSHA: CLASS IB FLAMMABLE LIQUID

(TCC)

DOT: FLAMMABLE LIQUID

EXTINGUISHING MEDIA:

(X)FOAM (X)"ALCOHOL" (X)CO2 (X)DRY CHEMICAL (X)WATER FOG ( )OTHER FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED.

ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMEMENT AND OPEN FLAME.

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATIONS TO HOT SURFACES REQUIRES SPECIAL PRECUTIONS. DURING EMERGENCY
CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH
HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL

ATTENTION.

SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. IF
WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL
SCIENCE CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

# SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: IRRITATION TO EYES AND RESPIRATORY TRACT,
HEADACHES AND DIZZINESS, AFFECTS CENTRAL NERVOUS SYSTEM. PROLONGED OR
REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS, LEADING TO IRRITATION
AND DERMATITIS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND CENTRAL
NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: CARDIAC CONDITIONS KIDNEY DISEASES, RESPIRATORY ILLNESSES, SKIN ALLERGIES. LABORATORY STUDIES HAVE SHOWN THAT INGREDIENTS IN SECTION II HAVE CAUSED TUMORS WHEN LABORATORY ANIMALS ARE EXPOSED TO HIGH CONCENTRATIONS. THIS MATERIAL IS A POISON, AND CANNOT BE MADE NON-POISONOUS. PRIMARY ROUTE(S) OF ENTRY: (2) DERMAL (1) INHALATION (3) INGESTION

EMERGENCY AND FIRST AID PROCEDURES: EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL ATTENTION. SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: DRINK 1 OR 2 GLASSES OF WATER. CALL PHYSICIAN, HOSPITAL, OR POISON CONTROL CENTER FOR INSTRUCTIONS TO INDUCE VOMITING. WHEN MEDICAL ADVICE IS NOT AVAILABLE, INDUCE VOMITING USING SYRUP OF IPECAC ACCORDING TO DIRECTIONS. IF IPECAC IS UNAVAILABLE, INDUCE VOMITING WITH FINGER OR BACK OF SPOON. INHALATION: REMMOVE TO FRESH AIR.

SECTION VI - REACTIVITY DATA

STABILITY ( )UNSTABLE (X)STABLE

HAZARDOUS POLYMERIZATION ( ) MAY OCCUR (X) WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: CO2 AND CO

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES, HOT METALS

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS.

# SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ANY NON-REQUIRED PERSONNEL. REMOVE ANY SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION AND /OR SELF-CONTAINED BREATHING APPARATUS. DIKE SPILL, APPLY ABSORBENT MATERIAL. USING NON-SPARKING TOOLS, SCRAPE UP AND STORE IN CLOSED METAL CONTAINER. AVOID BREATHING VAPORS.

WASTE DISPOSAL METHOD: DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

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RESPIRATORY PROTECTION: WEAR NIOSH-APPROVED RESPIRATOR WITH ORGANIC VAPOR AND SOLID PARTICLE FILTER CARTRIDGES.

VENTILATION: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN LEVEL BELOW THAT LISTED IN SECTION II.

PROTECTIVE GLOVES: USE NEOPRENE RUBBER GLOVES TO PREVENT SKIN CONTACT

EYE PROTECTION: USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS

OTHER PROTECTIVE EQUIPMENT: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING, OR USING THE WASHROOM.

#### SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID BREATHING SANDING DUST. AVOID STORAGE AT TEMPERATURES GREATER THAN 90 DEGREES (F) OR NEAR HEAT, SPARKS, ELECTRICAL EQUIPMENT OR OPEN FLAMES.

OTHER PRECAUTIONS: AVOID PROLONGED BREATHING OF VAPORS OR CONTACT WITH SKIN. PREVENT PROLONGED OR REPEATED BREATHING OF VAPOR OR SPRAY MIST. TO AVOID SPONTANEOUS COMBUSTION DURING TEMPORARY STORAGE, SOAK SOILED RAGS AND WASTE IMMEDIATELY AFTER USE, IN A WATER FILLED, CLOSED METAL CONTAINER.