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Material Safety Data Sheet

SECTION I - Material Identity
SECTION II - Manufacturer's Information
SECTION III - Physical/Chemical Characteristics
SECTION IV - Fire and Explosion Hazard Data
SECTION V - Reactivity Data
SECTION VI - Health Hazard Data
SECTION VII - Precautions for Safe Handling and Use
SECTION VIII - Control Measures
SECTION IX - Label Data
SECTION X - Transportation Data
SECTION XI - Site Specific/Reporting Information
SECTION XII - Ingredients/Identity Information

SECTION I - Material Identity

Item Name	
Part Number/Trade Name	71030 MINWAX FAST DRYING POLYURETHANE GLOSS
National Stock Number	8010PMINWAX
CAGE Code	0K1A4
Part Number Indicator	A
MSDS Number	188224
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	MINWAX COMPANY
Street	10 MOUTAINVIEW RD
City	UPPER SADDLE RIVER
State	NJ
Country	US
Zip Code	07458
Emergency Phone	800 424-9300 CHEMTREC
Information Phone	216 566-2917

MSDS Preparer's Information

Street	10 MOUNTAINVIEW RD
City	UPPER SADDLE RIVER
State	NJ
Zip Code	07458
Date MSDS Prepared/Revised	12JUN00
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	NR
NRC License Number	NR
Net Propellant Weight (Ammo)	NR
Appearance/Odor	POLYURETHANE COATING
Boiling Point	300-412 F
Melting Point	NR
Vapor Pressure	NR
Vapor Density	> AIR
Specific Gravity	0.88
Decomposition Temperature	NR
Evaporation Rate	< ETHER
Solubility in Water	NA
Percent Volatiles by Volume	56%
Chemical pH	NR
Corrosion Rate	NR
Container Type	R
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	105
Flash Point Method	PMCC
Lower Explosion Limit	1.0
Upper Explosion Limit	7.0
Extinguishing Media	CARBON DIOXIDE, DRY CHEM, FOAM
Special Fire Fighting Procedures	WEAR FULL SCBA AND FULL PROTECTIVE CLOTHING. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED

	TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT
Unusual Fire/Explosion Hazards	KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVER EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NONE KNOWN
Materials to Avoid	NONE KNOWN
Hazardous Decomposition Products	CARBON DIOXIDE, CARBON MONOXIDE
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR
LD50 - LD50 Mixture	NR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF COORDINATION. REDNESS AND ITCHING OR BURNING OF EYES
Carcinogenicity: NTP	NO
Carcinogenicity: IARC	NO
Carcinogenicity: OSHA	NO
Explanation of Carcinogenicity	NO INGREDIENT IN THIS PRODUCT IS AN IARC, NTP OR OSHA LISTED CARCINOGEN
Symptoms of Overexposure	

	IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF COORDINATION. REDNESS AND ITCHING OR BURNING OF EYES
Medical Cond. Aggravated by Exposure	PROLONGED OVEREXPOSURE TO SOLVENT INGREDIENTS MAY CAUSE ADVERSE EFFECT TO THE LIVER AND URINARY SYSTEMS. PERMANENT BRAIN DAMAGE AND NERVOUS SYSTEM DAMAGE
Emergency/First Aid Procedures	[EYES] FLUSH W/ WATER FOR 15 MINUTES [SKIN] WASH W/ SOAP AND WATER, REMOVE CONTAMINATED CLOTHING, LAUNDRY BEFORE REUSE [INHAL] REMOVE TO FRESH AIR [INGEST] DO NOT INDUCE VOMITING, NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT
Neutralizing Agent	NR
Waste Disposal Method	DISPOSE IAW FEDERAL, STATE, LOCAL REGULATIONS
Handling and Storage Precautions	KEEP AWAY FROM HEAT AND OPEN FLAME
Other Precautions	USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES. WASH HANDS AFTER USING

SECTION VIII - Control Measures

Respiratory Protection	IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR APPROVED NIOSH/MSHA RESPIRATOR
Ventilation	LOCAL EXHAUST PREFERABLE
Protective Gloves	WEAR GLOVES WHICH ARE RECOMMENDED
Eye Protection	SAFETY SPECTACLE WITH UNPERFORATED SHLD
Other Protective Equipment	NR
Work Hygienic Practices	WASH HANDS AFTER USE

Supplemental Health/Safety Data

NR

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	TARGET ORGANS: LIVER, URINARY SYSTEEM, CENTRAL NERVOUS SYSTEM

SECTION X - Transportation Data

Container Quantity	1
Unit of Measure	GL

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	3.66
Volatile Organic Compounds (G/L)	438.6101

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	MINERAL SPIRITS
CAS Number	64742887
Proprietary	NO
Percent	48
OSHA PEL	100 PPM
ACGIH TLV	100 PPM
Recommended Limit	NONE SPECIFIED
Ingredient #	02
Ingredient Name	MINERAL SPIRITS (ODORLESS)
CAS Number	64741657
Proprietary	NO
Percent	2
OSHA PEL	100 PPM
ACGIH TLV	100 PPM
Recommended Limit	NONE SPECIFIED

