CA, MAGNA F1

DEVELOPER, NON-AQUEOUS, WET

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

DPM2449-2

MATERIAL SAFETY DATA SHEET

Developer

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: MAGNAFLUX CORPORATION	EMERGENCY TELEPHONE NO.: (312) 867-8000
ADDRESS (Number, Street, City, State, and ZIP Code): 7300 West Lawrence Avenue, Chicago, Illinois 60656	
CHEMICAL NAME AND SYNONYMS:	TRADE NAME AND SYNONYMS: SKD-NF/ZP-9B Developer (Aerosol)
CHEMICAL FAMILY:	FORMULA:

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
1,1,1-Trichloroethane	33	350ppm
Carbon Dioxide	5	3000ppm
Methylene Chloride	54	100ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	104°F IBP	SPECIFIC GRAVITY (H_2O=1)	1.3
VAPOR PRESSURE (mm Hg.)	230 mm at 100°F	PERCENT, VOLATILE BY VOLUME (%)	90%
VAPOR DENSITY (AIR=1)	4-5	EVAPORATION RATE (Ether =1)	5
SOLUBILITY IN WATER	Insoluble		

APPEARANCE AND ODOR: White, mobile liquid, sweet odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): None	FLAMMABLE LIMITS: None	Lel	Uel
EXTINGUISHING MEDIA: None			
SPECIAL FIRE FIGHTING PROCEDURES: Keep aerosol cans cool with water spray.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans may burst if heated above 130°F. Vapors can decompose to toxic gasses when exposed to flame, arcs, red hot surfaces.			

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	100 ppm
EFFECTS OF OVEREXPOSURE	Dizziness, initially, loss of consciousness eventually.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air. If in eyes, rinse copiously with water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID
	STABLE		Using near flame, arcs, red hot surfaces.

INCOMPATABILITY *(Materials to avoid)* Alkali Metals

HAZARDOUS DECOMPOSITION PRODUCTS
Phosgene, hydrochloric acid, if vapors are exposed to flame, arcs, red hot surfaces.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Can be allowed to evaporate away if spilled in aerosol can quantities. Wipe up white residue with rag. No smoking.

WASTE DISPOSAL METHOD

Empty cans are not classed as hazardous waste

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)* If used in confined area, mask with separate air supply

VENTILATION	LOCAL EXHAUST	Spray Booth Preferred	SPECIAL
	MECHANICAL *(General)*		OTHER

PROTECTIVE GLOVES	None	EYE PROTECTION	None
OTHER PROTECTIVE EQUIPMENT	None		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in dry place, away from heat sources.

OTHER PRECAUTIONS
SKD-NF/ZP-9B Developer exerts drying action on skin, leading to irritation. Wipe off promptly.

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