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MAIL TO:

 * FORMULA: 28319 DATE: 2/22/89
 * MSDS EFFECTIVE: 4/1/90 BY: J.L.
 * SUPERSEDES MSDS OF: 1/17/90

DEAR CUSTOMER:

IN COMPLIANCE WITH THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA TITLE III, SECTION 313), FEDERAL HAZARD COMMUNICATIONS REGULATIONS (WHMIS AND OSHA 29 CFR 1910.1200) AND IN THE INTEREST OF INFORMED USE OF OUR PRODUCT, WE ARE PROVIDING YOU WITH THIS MATERIAL SAFETY DATA SHEET (MSDS).

THIS MSDS WILL BE UPDATED REGULARLY TO REFLECT THE MOST RECENT INFORMATION IN OUR POSSESSION. PLEASE ENSURE THAT OBSOLETE MSDS SHEETS IN YOUR FILES FOR THIS PART NUMBER ARE DISCARDED.

WE THANK YOU FOR YOUR CONTINUED PATRONAGE AND LOOK FORWARD TO PROVIDING YOU WITH ADDITIONAL QUALITY PRODUCTS AND SERVICES.

***** SECTION I - PRODUCT IDENTIFICATION *****

PART NUMBER: 35N3383
 PRODUCT NAME: SPRAYTEC GLASS & PLASTIC CLEANER (13-3/4 OZ.)
 TRADE NAME/SYNONYMS: GLASS & PLASTIC CLEANER
 CHEMICAL FAMILY: AEROSOL AQUEOUS SOLUTION

***** SECTION II - HAZARDOUS INGREDIENTS *****

INGREDIENT	CAS NO.	WT %	PEL	TLV	STEL	UNITS	LC50,PPM	LD50, MG/KG
2-Butoxy-ethanol	#111-76-2	5-10	25S	25S	N/A	PPM	RAT 450	RAT I 300 GPGA230
Isobutane	75-28-5	1-5	N/A	N/A	N/A		N/A	N/A
Deionized Water	7732-18-5	@	NON-HAZARDOUS				N/A	N/A

INGREDIENTS TOTAL WT% ARE BELOW 100% ONLY IF ALL OTHERS UNLISTED ARE NOT CONSIDERED HAZARDOUS BY ANY FEDERAL, (OSHA, WHMIS, SARA), ANY STATE OR PROVINCE, OR LOCAL RIGHT-TO-KNOW REGULATIONS.
 SYMBOLS, ABBREVIATIONS AND NOTATIONS:
 N/A=NOT AVAILABLE OR APPLICABLE, C=CEILING LIMIT, S=SKIN DESIGNATION
 #=LISTED IN SARA TITLE III SECTION 313, *=IF FOUND AS DUST, MIST OR FUME
 M=HUMAN, RAB=RABBITS, GPG=GUINEA PIGS, MIC=MICE
 I=INGESTION, A=SKIN ABSORPTION, LO=LITTLE OBSERVABLE EFFECT, NO=NO EFFECT
 PEL=OSHA PERMISSIBLE EXPOSURE LIMIT, TLV=ACGIH THRESHOLD LIMIT VALUE
 STEL=SHORT TERM EXPOSURE LIMIT, @ = AMONG THE 5 MOST PREDOMINANT SUBSTANCES.

PART: 35N3383 PRODUCT NAME: GLASS/PLASTIC CLEANER (13-3/4 OZ.) PAGE 2

***** SECTION III - PHYSICAL DATA *****

BOILING POINT(DEG F/C): 340 F/171 C SPECIFIC GRAVITY: 1.0
VAPOR PRESSURE(MM HG): 0.6 %VOLATILE VOLUME: 100
VAPOR DENSITY(AIR=1): 4.1 EVAPORATION RATE(WATER=1)>1
SOLUBILITY IN WATER: 95% WATER/OIL DIST COEFF: 19
APPEARANCE AND ODOR: Clear liquid with sharp, characteristic odor
PHYSICAL STATE: Liquid, Aerosol THRESHOLD ODOR(PPM): 0.35
FREEZE PT(DEG F/C): -103F/-75 C pH: 10
OTHER: N/A

***** SECTION IV - FIRE AND EXPLOSION HAZARD DATA *****

FLAMMABILITY CLASSIFICATION: N/A NFPA RATING: 2,2,0
FLASHPOINT(DEG F/C): 143F/62C LEL%: 1.9 UEL%: 8.5
COMBUSTION PRODUCTS: CO, CO2, NOX
EXTINGUISHING MEDIA: Water, fog, foam, dry chemical, carbon dioxide
UN/NA/FIN NO: UN1956 SPECIAL FIREFIGHTING PROCEDURES:
Firefighters should wear self-contained breathing equipment.
AUTO IGN. TEMP(DEG F/C): 864 F/462 C
UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to fire, heat or prolonged
sunlight may cause bursting. If used in confined spaces, hazardous vapor may
spread, burn or build up in low areas. Contact with flame or hot surfaces
may produce toxic gases.
EXPLOSIVE POWER: Medium IMPACT SENSITIVE: No
BURNING RATE: Moderate STATIC SENSITIVE: No

***** SECTION V - HEALTH HAZARD DATA *****

PRODUCT GUIDE: TLV (SEE SECTION II) PEL: (SEE SECTION II)
ROUTES OF ENTRY: Eye, Inhalation
EFFECTS OF OVEREXPOSURE: ACUTE: Yes - Causes eye irritation
CHRONIC: Yes - Eyes, skin, respiratory system
Prolonged and repeated inhalation may be harmful to respiratory system.
Skin contact causes irritation and chronic effects to eyes, skin and mucous
membranes. Misuse or deliberate inhalation may be harmful or fatal. Harmful
if swallowed.

LISTED AS A SUSPECTED CARCINOGEN: No

EMERGENCY AND FIRST AID: EYE: Immediately flush with plenty of water for 15
minutes and call physician. SKIN: Wash thoroughly with plenty of
water/soap. INHALATION: If affected, remove to fresh air, administer oxygen
and call physician. INGESTION: Seek physician immediately, show MSDS/label,
DO NOT INDUCE VOMITING.

PART: 35N3383 PRODUCT NAME: GLASS/PLASTIC CLEANER (13-3/4 OZ.) PAGE 3

***** SECTION VI - REACTIVITY DATA *****

STABLE: YES CONDITIONS TO AVOID: Keep away from heat, sparks, flames, or sources of ignition.

INCOMPATIBILITY(MATERIALS TO AVOID): Yes: strong oxidizers, halogenated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, NOX, NH3, Pyrolysis products.

HAZARDOUS POLYMERIZATION: NO CONDITIONS TO AVOID: N/A

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

LISTED IN: SARA TITLE III, #302: No #304, CERCLA: Yes

SECTION #313: Yes

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate the area, remove all sources of ignition, ventilate the area. Wear approved respiratory protection, suitable protective clothing, gloves, eye/face protection. Clean up with absorbent material, contain & pick up waste materials, put in a sealed approved container.

REPORT QUANTITY, LB: 99990 KG: 45400 TPQ, LB: N/A

REGULATIONS: SARA, CERCLA, RCRA, State/Province, WHMIS OTHERS: N/A

HAZARD WASTE: Aerosol

NUMBER: N/A DISPOSAL METHOD: Dispose of wastes in accordance with federal, state and local regulations. Do not puncture, incinerate (or burn) containers. Do not empty into drains.

***** SECTION VIII - SAFE HANDLING AND PROTECTION INFORMATION *****

RESPIRATORY PROTECTION: Use only in well ventilated area.

VENTILATION-LOCAL: Required SPECIAL: Keep away from heat & flame

VENTILATION-MECHANICAL: Required OTHER: N/A

PROTECTIVE GLOVES: Solvent resistant

EYE PROTECTION: Safety Glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: If ventilation is inadequate, wear approved respiratory equipment.

ESTIMATED LD50, MG/KG: LD50 I RAB 300, LD50 A GPG 230

ESTIMATED LC50, PPM: LC50 I RAT 450

SENSITIZATION: No

IRRITANT: Yes, Eyes, skin, mucous membrane

SYNERGISTIC AGENTS: N/A

***** SECTION IX - SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks flames, or sources of ignition. Use only in well ventilated areas. Avoid prolonged breathing of vapor or spray mist. Avoid contact with eyes & skin. DO NOT TAKE INTERNALLY. Wash thoroughly after using. In case of accident or illness, seek physician immediately, show label or MSDS.

PART: 32N427 PRODUCT NAME: MOISTURE/FUNGUS RESISTANT VARNISH PAGE 4
(12-3/4 OZ.)

***** SECTION IX - SPECIAL PRECAUTIONS *****
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep in a cool place.
Keep away from heat, sparks, flames, or sources of ignition. Use only in
well ventilated areas. Avoid prolonged breathing of vapor or spray mist.
Avoid contact with eyes and skin. DO NOT TAKE INTERNALLY. Wash thoroughly
after using. In case of accident or illness, seek physician immediately,
show label or MSDS.

OTHER PRECAUTIONS: Do not puncture, incinerate (or burn) containers. KEEP
OUT OF REACH OF CHILDREN. Always read and follow directions on product
label. Additional Technical Data Sheets and/or Material Safety Data Sheets
(MSDS) are available upon request. For professional and industrial use only.

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