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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

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

SECTION I

REVISED 4/89

MANUFACTURER'S NAME

BROTHERS RESEARCH CORPORATION

EMERGENCY TELEPHONE NO.

(919) 229-6480

ADDRESS (Number, Street, City, State and ZIP Code)

2245 AIRPARK DRIVE, BURLINGTON, NC 27215

CHEMICAL NAME AND SYNONYMS

GLAS CLEANER

TRADE NAME AND SYNONYMS

DURAGLOSS CG

CHEMICAL FAMILY

ALCOHOL/SURFACTANT

FORMULA

PROPRIETARY

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS PROPYL ALCOHOL	5	200	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES (CAS# 71-23-8)			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	190	SPECIFIC GRAVITY (H ₂ O=1)	0.95
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	95
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ = 1)	NA
SOLUBILITY IN WATER	SOLUBLE		
APPEARANCE AND ODOR	LIGHT BLUE LIQUID, ALCOHOL ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	100°F	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	CO ₂ , WATER			
SPECIAL FIRE FIGHTING PROCEDURES				

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP AWAY FROM HEAT AND OPEN FLAME

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

NA

EFFECTS OF OVEREXPOSURE

AVOID CONTACT WITH SKIN. AVOID CONTACT WITH EYES.

DO NOT TAKE INTERNALLY.

EMERGENCY AND FIRST AID PROCEDURES

SKIN - WASH WITH SOAP AND WATER. APPLY HAND LOTION.

EYES - WASH WITH LARGE AMOUNT OF WATER - CONSULT A PHYSICIAN.

INGESTION - DRINK LARGE AMOUNT OF WATER - CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

HEAT AND OPEN FLAME

INCOMPATIBILITY (Materials to avoid)

NONE

HAZARDOUS DECOMPOSITION PRODUCTS

NA

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

HEAT AND OPEN FLAME

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASH WITH WATER OR ABSORB ON INERT MATERIAL.

WASTE DISPOSAL METHOD

DISPOSE ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NONE

VENTILATION

LOCAL EXHAUST

SPECIAL

NONE

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

NOT REQUIRED

EYE PROTECTION

NOT REQUIRED

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP AWAY FROM HEAT AND OPEN FLAME.

OTHER PRECAUTIONS

NONE