

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

MANUFACTURER'S NAME SQUARE D COMPANY.		EMERGENCY TELEPHONE NO. 312-733-6100
ADDRESS (Number, Street, City, State, and ZIP Code) 3700 Sixth St. S.W., Cedar Rapids, IA 52406		
CHEMICAL NAME AND SYNONYMS proprietary composition		TRADE NAME AND SYNONYMS NO-OX-ID 'A' Special
CHEMICAL FAMILY Micro wax blend	FORMULA Square D Co. Cat. No. PJC7201 proprietary composition	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Petroleum Distillates	.10	500(*)	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Amine	approx. .15		OTHERS		
OTHERS (*) parts per million parts of air, by volume.					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
According to current U.S. Dept. of Labor Standards, this material is					
considered non-hazardous when used according to directions on label on					
container.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Petroleum Distillates	315°F	SPECIFIC GRAVITY (H ₂ O=1)	.0864
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	16.65
VAPOR DENSITY (AIR=1) Petroleum Distillates	3.9	EVAPORATION RATE (of Petroleum distillates) (butyl acetate = 1) (alone approx. 1.5)	
SOLUBILITY IN WATER Insoluble		(Evaporates faster than butyl acetate)	
APPEARANCE AND ODOR Light brown, soft grease consistency.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 154°F Tag. Open Cup (B)	FLAMMABLE LIMITS (On petroleum distillates only)	LeI 1%	Uel 6%
EXTINGUISHING MEDIA Foam, sand, dry extinguisher.			
SPECIAL FIRE FIGHTING PROCEDURES When molten, handle like oil fire. Water may be ineffective.			
Melting point 140-150°F.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Material is flammable: Keep away from open flames. (B) Product is a soft grease: solvent must be distilled off for valid flash point determination, since product is not molten and free flowing at flash point of the solvent.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (On petroleum distillates) 500 parts per million of air by volume.
EFFECTS OF OVEREXPOSURE Excessive skin contact causes defatting and irritation or cracking of skin.
EMERGENCY AND FIRST AID PROCEDURES No special precautions. Avoid excessive skin contact. Wipe off skin with clean rags; remove residue with cloth dampened with small amount of mineral spirits. Wash hands with soap and water. Eyes, flush with plenty of water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Exposure to fire and open flames.
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Typical petroleum combustion residues.			
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 Wipe up or scrape up spills and dispose through scavenger service.
WASTE DISPOSAL METHOD Handle like any other petroleum-based product. Dispose through scavenger service.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None needed: Use with adequate ventilation.		
VENTILATION	LOCAL EXHAUST Acceptable	SPECIAL Forced air, on air-fed mask when used in confined area.
	MECHANICAL (General) Acceptable	OTHER
PROTECTIVE GLOVES Desirable	EYE PROTECTION Use goggles or face shield when handling hot, melted product.	
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers closed and away from fire and open flames.
OTHER PRECAUTIONS (1) Do not use in confined space, without forced air ventilation. (2) Do not ignite or weld coated surfaces without first removing all coated residues on both sides of metal surface.