

11/85

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 The RectorSeal Corporation		EMERGENCY TELEPHONE NO. (713) 928-6423
ADDRESS (Number, Street, City, State, and ZIP Code) 2830 Produce Row, Houston, TX 77023-5822		
CHEMICAL NAME AND SYNONYMS RectorSeal® No. 5®	TRADE NAME AND SYNONYMS No. 5®	
CHEMICAL FAMILY Pipe thread sealant	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	TLV (Units)	CAS NO.	%	TLV (Units)
Solvents	20	100ppm	"Chemical Identity is Trade Secret Information"		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					
DO NOT MIX WITH GASEOUS OXYGEN					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	372°F	SPECIFIC GRAVITY (H ₂ O=1)	1.3486
VAPOR PRESSURE (mm Hg.) @ 68°F	0.03 mmHg	PERCENT. VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	Nil
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Yellow, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	185°F Tag OC	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	H ₂ O, Foam, CO ₂ , Dry Chemicals		n/d	n/d
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 100 ppm
 EFFECT OF OVEREXPOSURE Excessive Irritation of fumes may cause dizziness; ingestion has no immediate noticeable symptoms.
 FIRST AID PROCEDURES Ingestion - drink plenty of liquids and contact physician. If gotten in the eyes - flush with water for minimum of 15 minutes and contact physician.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE, STABLE
 INCOMPATIBILITY: ABS DIBL and gaseous oxygen
 HAZARDOUS DECOMPOSITION PRODUCTS: NONE
 HAZARDOUS POLYMERIZATION: MAY OCCUR, WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

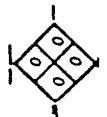
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up spills immediately to prevent footing hazard.
 WASTE DISPOSAL METHOD: Handle empty or damaged cans as paint cans. Handle rags used to wipe spills as oily rags.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: LOCAL EXHAUST X, SPECIAL
 VENTILATION: MECHANICAL (General), OTHER
 PROTECTIVE GLOVES: Desirable - not mandatory, EYE PROTECTION: Desirable - not mandatory
 OTHER PROTECTIVE EQUIPMENT: Not required

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Handle and store as paint cans
 OTHER PRECAUTIONS: Not required



Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0012

ReactorSeal® No. 50 Sub-Zero

None Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked as "None".

Manufacturer's Name: The ReactorSeal Corporation
 Address (Number, Street, City, State, and ZIP Code): 2810 Produce Row, Houston, TX 77021
 Telephone Number for Information: (713) 928-6423
 Date Prepared: 06/86
 Signature of Preparer (optional): N/A

Section II - Hazardous Ingredients/Identify Information

Hazardous Component (Specify Chemical Name, Common Name(s)) OSHA PEL ACGIH TLV Other Limits
 Solvent* N/A 100 ppm N/A 40

* Specific Chemical Identity is TRADE SECRET

Section III - Physical/Chemical Characteristics

Boiling Point	580°F	Specific Gravity (40 - 1)	1.396
Vapor Pressure (mm Hg) @ 20°C	N/A	Flash Point	N/A
Vapor Density (air = 1)	N/A	Evaporation Rate (Dry Acetate = 1)	N/A

Appearance and Odor: White - odorless

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	190°F Tag CC	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Empowering Hoods	R-0, Foam, CO ₂ , Dry Chemical						
Special Fire Fighting Procedures	None						

Unusual Fire and Explosion Hazards: None