



Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: **Subsea RB Riser Bolt Anti-Seize**

Manufactured for: **The Subsea Company**

4527 Brittmoore Houston, Texas 77041

Phone: 281-324-0558

Recommended Use: Thread Compound

RESTRICTIONS on USE

DO NOT USE IN OXYGEN SERVICE

Emergency Telephone Number: INFOTRAC 800.535.5053

International Emergency Telephone Number: 352.323.3500

Section 2 - Hazards Identification

GHS HAZARD

Hazard Classes

Causes mild skin irritation
Causes mild eye irritation

Hazard Categories

Category 3
Category 2B

Signal Word: Warning

Pictograms: None

Hazard Statements

PHYSICAL HAZARDS:

None

HEALTH HAZARDS:

H316: Cause mild skin irritation

H320: Cause mild eye irritation

PRECAUTIONARY STATEMENTS:

P233: Keep container tightly closed when not in use

P260: Do not breathe mist, vapors or spray

P280: Wear protective gloves, protective clothing and eye protection.

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RESPONSE STATEMENTS:

P301 +310+ P331: IF SWALLOWED: Immediately call the National POISON CENTER at 800-222-1222. DO NOT induce vomiting
P303+P361+353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351: IF IN EYES rinse cautiously with water for at least 15 minutes
P306+P361: IF ON CLOTHING, Take off contaminated clothing
P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish fire

STORAGE STATEMENTS:

P403+ P233: Store in a well-ventilated place. Keep container tightly closed when not in use

DESPOSAL STATEMENTS:

P501: Dispose of content and/or container in accordance with local, regional, national and/or international regulations

Section 3 - Composition / Information on Ingredients

CAS#	Chemical Names	Percent
Proprietary	Component A	70%
Proprietary	Component B	11%
Proprietary	Component C	9%
Proprietary	Component D	7%
Proprietary	Component E	3%

Trade Secret Provision and Chemical Concentration Disclosure: In accordance with OSHA and GHS Regulations we have withheld specific chemical identities. The chemical concentrations have been disclosed as a range and are applicable to the hazards as identified in this Safety Data Sheet.

Section 4 - First Aid Measures

Eye: Contact with the eyes can cause mild irritation. Symptoms may include discomfort or pain and redness.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and/or dermatitis.

Skin: Flush skin with plenty of soap and water for at least 15 minutes after removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

Ingestion: Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting.

Ingestion: Do NOT induce vomiting. Get medical aid immediately.

Inhalation: Prolonged breathing of high vapor concentrations can produce headache, dizziness, nausea, and impaired vision.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

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After first aid, get appropriate paramedic, or community medical support.

Note to Physicians: If you determine that a medical emergency exists and the specific chemical identity is necessary for emergency or first-aid treatment we will immediately disclose the specific chemical identity. Call CHEMTREC 800249300 or 7035273887. We will require a written statement of need and confidentiality agreement, in accordance with OSHA's Trade Secret Regulations as soon as circumstances permit. In non-emergency situations, we will upon written request disclose a specific chemical identity.

Section 5 - Fire-Fighting Measures

General Fire Hazards

Use water to cool containers exposed to fires

Hazardous Combustion Products

Avoid fumes of burning product.

Extinguishing Media

Carbon dioxide, dry chemical, foam or water spray

Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Ventilate area.

Spills Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal.

Section 7 – Handling and Storage

Handling Precautions: Wash hands and exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid ingestion and contact with eyes, skin or clothing. Keep container tightly closed

Storage Requirements: Store in a tightly closed container in a cool, dry and well-ventilated area.

Section 8 - Exposure Controls / Personal Protection

Chemical Names	ACGIH TLV,s	OSHA - PELs
Component A	10 mg/m ³ (dust)	10 mg/m ³ (dust)
Component B	5 mg/m ³ (mist)	5 mg/m ³ (mist)
Component C	5 mg/m ³ (mist)TWA	5 mg/m ³ (mist)TWA
Component D	5 mg/m ³ (mist)TWA	5 mg/m ³ (mist)TWA

TWA Means "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

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Contaminated Equipment: Separate contaminated work clothes from street clothes and launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material before eating, drinking, smoking, using the toilet, or applying cosmetics.

Protective Clothing Pictograms



Section 9 - Physical and Chemical Properties

Physical State: Tacky Liquid
Appearance: Black
Odor: Mild Odor
Vapor Pressure: Not Available
Vapor Density (Air=1): Not Available
Specific Gravity (H₂O=1,): Not Available
pH: N/A

Water Solubility: Not Available
Boiling Point: Not Available
Freezing/Melting Point: : > 599° F (> 315° C)
Viscosity: Not Available
Flash Point: 365°F 185°C
Auto ignition Temperature: Not applicable
LEL: Not determined
UEL: Not determined

Section 10 - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.
Polymerization: Hazardous polymerization has not been reported.
Chemical Incompatibilities: Strong oxidizing agents, strong acids and bases.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Sulfur Oxides, Halogenated Compounds or Metal Oxide/Oxides
Conditions to Avoid: Avoid heat, sparks open flames and other ignition sources

Section 11- Toxicological Information

Component Analysis:
LD50 Component A
Oral LD50 Rat: 1625 mg/kg
LD50 Component B
Oral LD50 Rat: 4739 mg/kg
LD50 Component C
Oral LD50 Rat: >5000 mg/kg
LD50 Component D
Oral LD50 Rat: 2000 mg/kg

Route of Entry: Ingestion, Skin and/or Eye Contact

Medical Conditions Aggravated by Exposure: No data available

Target Organs: No data available

Carcinogenicity: IARC, NTP and OSHA No chemicals listed in this solution are a known Cancer Hazards.

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Section 12 - Ecological Information

Eco toxicity: Aquatic toxicity No data available

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

Regulatory Information	UN #	Proper Shipping Name	Hazard Class	PG	Label	Additional Information
DOT Classification		Not Regulated				
TDG Classification		Not Regulated				
RID/ARD Classification		Not Regulated				
IMDG Classification		Not Regulated				
ICAO/IATA Classification		Not Regulated				

Section 15 - Regulatory Information

US Regulations:

TSCA: Component A is listed on the TSCA inventory

CERCLA Hazardous Substances and corresponding RQs: None

SARA Codes: None

Section 313: None

Clean Air Act: None

Clean Water Act: None

OSHA: None

State Regulations

California prop. 65: None

International Regulations

Canada DSL/NDSL Component A

Canada WHMIS None

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Section 16 - Other Information

Disclaimer: The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER NO responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

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