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BULK

BIO SLIDE™ Safety Data Sheet

1. IDENTIFICATION

Product Name: BIO SLIDE™
Product Numbers: 32204, 32205, 32201, 32202
Product Type and Use: Hydrocarbon-Based Concrete Form Release
Manufacturer: U.S. Corrosion Technologies, LLC
2638 National Drive, Garland, TX 75041
Contact: Telephone: 972-271-7361 Fax: 972-278-9721
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2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

None

Physical Hazard(s)

None

Hazard(s) not otherwise classified

Aspiration Hazard Category 1

Labeling

Signal Word: DANGER
Pictograms: Health Hazard

Statements of Hazard

Hazard Statements

May be fatal if swallowed and enters airways

Precautionary Statements

Store locked up. Dispose of contents and container in accordance with applicable regulations.
If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor or poison center.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Petroleum oil (<3% DMSO extractable)	Trade Secret	90-100*

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Aspiration hazard; do not swallow. May cause lung damage. Avoid breathing spray mist.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

Skin Contact: Wipe excess from skin; remove contaminated clothing. Wash with soap and water.

Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a physician or poison control center.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Solvent vapors are heavier than air and may travel to distant, low lying sources of ignition and may ignite and explode.

Hazardous Combustion/ Decomposition Products: Oxides of carbon, sulfur, nitrogen and phosphorous; hydrogen sulfide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition and take precautionary measures against static discharges.

Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Dike and contain spillage. Soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for disposal according to local / national regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Follow all SDS/label precautions even after container is empty due to residue.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Component	ACGIH		OSHA		STEL ppm	STEL mg/m3
	TLV ppm	TLV mg/m3	PEL ppm	PEL mg/m3		
Petroleum oil	-	5	10	5	-	2500

Engineering Controls: Avoid breathing spray mist. Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.

Hand / Skin Protection: None typically required. For sensitive skin; wear impermeable gloves such as neoprene or nitrile rubber gloves.

Eye / Face Protection: None typically required.

General Hygiene Measures: Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent	Autoignition Temperature:	Not established
Physical State:	Non-viscous liquid	Volatile by volume (%):	0
Odor:	Hydrocarbon	Vapor Density (Air=1) :	>1
Color:	Amber	Evaporation Rate (BuAc=1) :	<0.01
Viscosity, cSt @ 40°C:	<20.5	Vapor Pressure, mmHg @23°C:	Not established
cSt @ 100°C:	Not established	Solubility in water:	Insoluble
pH:	Not established	Octanol/Water Partition:	Not established
Boiling Point/ Range:	>400°F / 200°C	VOC Content g/l (%):	0
Melting Point:	Not established	Specific Gravity @15.6°C:	0.869
Flash Point:	>93°C / 200°F	Pour Point:	Not established
Method:	Pensky-Martens Closed Cup	Non-volatile by Volume (%):	100
Lower Explosive Limit, vol %:	Not established	Dielectric Strength (KV):	Not applicable
Upper Explosive Limit, vol %:	Not established		

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Avoid high temperatures, sparks, open flame, and all other sources of ignition

Hazardous Polymerization: Will not occur.

Materials to Avoid: Bases, acids, amines and strong oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: LD50 Orl-rat >5000 mg/kg, LD50 Dermal Skn-Rbt - 2,000 mg/kg, LC50 >5 mg/L 4 h

Ingredient Information: Not established

Acute Effects

Signs and Symptoms of Overexposure: Mist may cause coughing/Sneezing

Inhalation: May cause coughing and sneezing.

Skin Contact: Prolonged or repeated contact may cause mild irritation in sensitive individuals.

Eye Contact: May cause stinging, tearing and redness.

Ingestion: May cause nausea, vomiting and diarrhea. Ingestion and subsequent vomiting may result in aspiration of the product into the lungs resulting in chemical pneumonitis, pneumonia, and pulmonary edema.

Primary Route(s) of Exposure: Eyes, Inhalation

Primary Route(s) of Entry: Ingestion

Target Organs: Lungs

Chronic Effects: None known

Carcinogenicity: Not established

Medical Conditions Aggravated by Exposure: May aggravate existing respiratory conditions such as asthma.

12. ECOLOGICAL INFORMATION

Product Data: Not established

Ingredient Data: Not established

Elimination Information: Not established.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local regulations. Smaller quantities can be disposed of with household waste.

Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

14. TRANSPORT INFORMATION

Road Transport

DOT Hazard Class: Non-Hazardous/ Non-Restricted

Sea Transport

IMDG/GGV See Class: Non-Hazardous/ Non-Restricted

Air Transport

ICAO/IATA Class: Non-Hazardous/ Non-Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components are included on the Inventory

Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
X	-	-	-	-

16. OTHER INFORMATION

Prepared by: U.S. Corrosion Technologies, LLC Technical Services Department

Revision Date: 4/02/2015

Supersedes Date: 1/6/2014

Revision Indicator: Update to OSHA 2012 SDS

National Fire Protection Association (704)

Health: 1

Flammability: 1

Reactivity: 0

Other:

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: U. S. Corrosion Technologies, LLC (972) 271-7361.