



SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Identifier: **D500 Anti-Spatter (Bulk)**
Product Use: Prevents spatter build up in welding operations
Item Code: D500-__
Supplier Name: Techniweld Corporation
Supplier Address: 2300 Winston Park Drive
Oakville, ON L6H 7T7
Supplier Web Address: www.techniweld.com
Supplier Phone: 905-829-8780
1-800-268-4833
Manufacturer: KCI, Inc.
Manufacturer Address: 3401 Reno Avenue
Charlotte, NC 28216
Manufacturer Web Address: www.kicincorporated.com
Manufacturer Phone: 1-704-372-8435
Emergency Phone: CHEMTREC (24-hour) 1-800-424-9300
Prepared By: Techniweld Corporation
Preparation Date: 10 February 2016
OSHA Regulatory Status: Not regulated
WHMIS Classification: Not a controlled product

Section 2: Hazard Identification

Classification: Not applicable
Label Elements: See label
Other Hazards: WARNING! Combustible Liquid

Section 3: Composition/Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS	CAS NUMBER	APPROXIMATE CONCENTRATION (%)
Isopropanol	67-63-0	10

Section 4: First-aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Eye Contact: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

Skin Contact: Remove with soap and water. Continue flushing with water for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation continues or if large skin area is affected.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can provide number of regional poison control centre.

Section 5: Fire-fighting Measures

<i>Flammable:</i>	May be combustible at high temperature
<i>Means of Extinction:</i>	Carbon dioxide, water or foam
<i>Flashpoint:</i>	101°F
<i>Hazardous Combustion Products:</i>	Not available
<i>Explosion Data Sensitivity to Mechanical Impact:</i>	Not available
<i>Explosion Data Sensitivity to Static Discharge:</i>	Not available
<i>Special Equipment:</i>	Wear self-contained breathing apparatus. Use water spray to cool fire exposed aerosol containers; containers can rupture violently from heat developed pressure.
<i>Precautions for Fire Fighters:</i>	See above

Section 6: Accidental Release Measures

<i>Protective Equipment:</i>	Where exposure levels are known, wear approved respirator suitable for level of exposure. Where exposure levels are not known, wear approved positive pressure, self-contained respirator. See Section 8 for additional recommended equipment.
<i>Emergency Procedures:</i>	See below
<i>Leak or Spill Procedure:</i>	Cover spill with inert absorbent material; sweep and place in a marked waste disposal container. Flush spill area with water. Keep product or run-off out of streams, ponds, lakes and tributaries.

Section 7: Handling and Storage

<i>Handling Procedures and Equipment:</i>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Observe standard workplace hygiene practices.
<i>Storage Requirements:</i>	Keep in a cool, dry environment; > 50°F, < 100°F. Product has 1-year shelf life.
<i>Incompatibilities:</i>	None known

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

<u>HAZARDOUS INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>ACGIH TLV (ppm)</u>	<u>OSHA PEL (ppm)</u>
Isopropanol	67-63-0	1000, 0 times per shift, 8 hrs	1000, 0 times per shift, 8 hrs

Engineering Controls: General ventilation (typically 10 air changes for hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system are not required.

Personal Protective Equipment: Eye Protection: Safety glasses with side-shields. Where eye contact could occur, chemical splash proof goggles are recommended.
Skin Protection: Wear impervious protective clothing (as required), including boots, gloves, lab coat, apron or coveralls to prevent skin contact. Rubber gloves are recommended when handling this product.

Respiratory Equipment: For operations where inhalation exposure can occur, use an approved respirator recommended by an industrial hygienist after evaluation of the operation. Where inhalation exposure will not occur, respiratory equipment is not required. A full face piece respirator can also protect eyes and face.

Section 9: Physical and Chemical Properties

<i>Physical State:</i>	Liquid
<i>Odour and Appearance:</i>	Red with mild odour
<i>Odour Threshold (ppm):</i>	Not available
<i>pH:</i>	9% – 11% (1%)
<i>Melting Point:</i>	Not applicable
<i>Freezing Point:</i>	Not known
<i>Boiling Point:</i>	212°F
<i>Flashpoint:</i>	37°C (100°F)
<i>Upper Flammable Limit (% by volume):</i>	Not known
<i>Lower Flammable Limit (% by volume):</i>	Not known

Section 10: Stability and Reactivity

<i>Chemical Stability:</i>	Stable
<i>Possible Hazardous Reactions:</i>	Will not occur under normal conditions
<i>Conditions to Avoid:</i>	Remains stable at recommended temperatures and storage conditions.
<i>Materials to Avoid (Incompatibilities):</i>	Strong oxidants and strong bases
<i>Conditions of Reactivity:</i>	> 300°C
<i>Hazardous Decomposition By-Products:</i>	Carbon Monoxide, Carbon Dioxide
<i>Hazardous Polymerization:</i>	Will not occur

Section 11: Toxicological Information

<i>Skin Contact:</i>	Frequent or prolonged contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis.
<i>Skin Absorption:</i>	Not available
<i>Eye Contact:</i>	Liquid or vapours may cause redness, burning, tearing, swelling and/or pain. Depending on the concentration and duration of exposure, repeated or prolonged contact may result in conjunctivitis or burns.
<i>Inhalation:</i>	Not available
<i>Ingestion:</i>	May cause gastroenteritis, diarrhea, vomiting, cramping pains, nausea, bloating and anorexia.
<i>Irritancy of Product:</i>	Not available
<i>Sensitization to Product:</i>	Not available
<i>Carcinogenicity:</i>	Not available
<i>Reproductive Effects:</i>	Effects reported in animal following chronic exposure.
<i>Respiratory Sensitization:</i>	Not available
<i>Toxicological Data:</i>	Oral, rat – 7060 mg/kg (LD50); Dermal, rabbit – 20 g/kg (LDLC)

Section 12: Ecological Information

No known significant effects or critical hazards.

Aquatic and Terrestrial Toxicity: Isopropyl Alcohol: Acute LC50 – 5680 to 7392 ug/l; Water Flea (Daphnia), 48 hrs exposure

Fresh Water: Acute LC50 – 14 200 to 15 100 mg/l; Fish-Fathead Minnow (Pimephales Promelab), 96 hrs exposure

Marine Water: Acute LC50 – 25 500 ug/l; Brine Shrimp (Arjemia Franchiscana), 48 hrs exposure

Section 13: Disposal Considerations

NOTE: Always dispose of waste in accordance with local, provincial and federal regulations.

Safe Handling: Keep away from natural water sources.

Methods of Disposal: Remove all residues when emptying. Dispose of in accordance with local, regional and federal regulations.

Section 14: Transportation Information

UN Identification Number: UN1993

Proper Shipping Name: Combustible Liquid NOS (Isopropyl Alcohol)

Hazardous Class or Division: Class 2 PG III

Section 15: Regulatory Information

United States TSCA Status: All components are listed on the TSCA inventory

Section 16: Other Information

Preparation Date: 10 February 2016

Date of Last Revision: 10 February 2016

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