

**MATERIAL SAFETY DATA SHEET**

**1. PRODUCT AND PREPARATION INFORMATION**

Manufacturer: Dominion Sure Seal Group of Companies  
 6175 Danville Road, Mississauga, Ontario  
 Canada, L5T 2H7  
 (905)670-5411  
 U.S.A. 1-800-265-0790  
 Emergency telephone numbers: Dominion Sure Seal (8 AM TO 4 PM EST)  
 (905)670-5411  
 CANUTEC (24 HR)  
 (613) 996 – 6666  
 Product Name: Activator  
 Product Code: XPSA-A  
 Synonyms: Not Applicable  
 Chemical Family: Organic  
 Molecular Formula: Proprietary  
 Product Use: Adhesive  
 Prepared by: Regulatory Department  
 Preparation Date: June 1, 2010

**2. HAZARDOUS INGREDIENTS**

Hazardous Ingredients	CAS Number	Weight Percent	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Acetone	67-64-1	60-100	750	9,700 mg/Kg (ORL-RAT)	1,600 ppm/4HR (INH-RAT)
Alkyl Toluidines	99-97-8	1-20	Not Available	Not Available	Not Available

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**2. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Appearance	White to straw
Odour	Ketone
Odour Threshold	Not Available
Boiling Range (Deg.F)	133, Start
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	> 1
Specific Gravity	0.8
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	> 1
PH	Not Applicable
Solubility in Water	Soluble

**4. FIRE AND EXPLOSION HAZARD**

Flammability:	Yes
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Flammability Limits in Air (%):	2.6 – 12.8
Flash Point (TCC deg.F)	- 15
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Oxides of Carbon, low molecular weight Hydrocarbons.
Sensitivity to Mechanical Impact:	Not available. Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Not expected to be sensitive.
Extinguishing Media:	Foam, CO <sub>2</sub> , Dry chemicals, Water fog.

**5. REACTIVITY DATA**

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Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong oxidizing agents, strong acids.
Hazardous Products of Decomposition:	Oxides of Carbon, low molecular weight hydrocarbons.
Hazardous Polymerisation:	Will not occur.

**6. TOXICOLOGICAL PROPERTIES**

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Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Exposure:	Product may cause headache, dizziness, nausea, unconsciousness. May cause irritation or burning of the eyes. Repeated and prolonged skin contact may cause dermatitis. Swallowing may cause burning of the mouth and stomach. Other effects are nausea and diarrhea.
Carcinogenicity of material:	No information is available and no adverse Carcinogenic effects are anticipated.
Reproductive effects:	No information is available and no adverse Reproductiv effects are anticipated.
Teratogenicity:	No information is available and no adverse Teratogenic effects are anticipated.
Mutagenicity:	No information is available and no adverse Mutagenic effects are anticipated.

**7. PREVENTIVE MEASURES**

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Eye Protection:	Use chemical safety goggles.
Skin Protection:	Chemical resistant gloves impervious to organic solvents.
Respiratory Protection:	NIOSH/MSH or approved respirator with cartridge recommended for organic vapour or paint (TC-23c)

## **Dominion Sure Seal**

## **Plastic Adhesive Weld Kit**

Engineering Controls:  
Leak/Spill Clean-Up Procedures:

when airborne exposure is excessive.  
Natural or exhaust ventilation are required.  
Eliminate ignition sources like heat, open flame and sparks, ventilate area of spill and dike area. Wear protective clothing and equipment. Only trained personnel should provide clean up work. Use spark resistant tools. Cover the spill with inert absorbent and place into proper containers, do not seal. Dispose product per Federal and Local Provincial law permit. Notify applicable government authority if release is reportable or could adversely affect the environment.  
Storage Instructions: Keep away from heat, sparks, and open flames.

### **9. TRANSPORT INFORMATION**

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Proper Shipping Name:	Consumer commodity
UN Number:	8000
Class or Division:	9
Sub Risk:	Not Applicable
Packing Group:	Not Applicable

### **10. REGULATORY INFORMATION**

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WHMIS Classification: B2, D2B

### **8. FIRST AID MEASURES**

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In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY. For skin, wash thoroughly with soap and water. If irritation develops, get medical attention. If affected by inhalation of vapour or spray mist, move to fresh air. If swallowed, do not induce vomiting. Rinse the mouth. Drink 1-2 glasses of milk to dilute product. Water may be used instead but not as effective. Obtain medical attention IMMEDIATELY.

### **11. OTHER INFORMATION**

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This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Dominion Sure Seal assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.

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Product Name: Plastic (Weld ) Adhesive  
 Product Code: XPSA-B  
 Synonyms: Not Applicable  
 Chemical Family: Organic  
 Molecular Formula: Proprietary  
 Product Use: Adhesive  
 Prepared by: Regulatory Department  
 Preparation Date: June 1, 2010

**4. HAZARDOUS INGREDIENTS**

Hazardous Ingredients	CAS Number	Weight Percent	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Ethyl-2-Cyanoacrylate	7085-85-0	60-100	Not Available	Not Available	Not Available
Isoisopropyl-2-Cyanoacrylate	10586-17-1	5-10	Not Available	Not Available	Not Available
Poly (Methyl Methacrylate)	9011-14-7	5-10	Not Available	Not Available	Not Available
Hydroquinone	123-31-9	0-1	2 mg/M3	Not Available	Not Available

**3. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Appearance	White to straw
Odour	Characteristic
Odour Threshold	Not Available
Boiling Range (Deg.F)	190, Start
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	< 1
Specific Gravity	1.04
Vapour Pressure (mm Hg)	1 @ 20 deg. C
Evaporation Rate, n-Butyl Acetate = 1	< 1
PH	Not Applicable
Solubility in Water	Insoluble

**5. FIRE AND EXPLOSION HAZARD**

Flammability:	Yes
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Flammability Limits in Air (%):	Not Established
Flash Point (TCC deg.F)	176
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Oxides of Carbon, low molecular weight Hydrocarbons, Oxides of Nitrogen, Hydrogen Cyanide.
Sensitivity to Mechanical Impact:	Not available. Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Not expected to be sensitive.
Extinguishing Media:	Dry chemicals, Water fog.

**5. REACTIVITY DATA**

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Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with water, alcohol, amines, alkalines and direct UV.
Hazardous Products of Decomposition:	Oxides of Carbon, low molecular weight hydrocarbons, Nitrogen oxides, Hydrogen Cyanides.
Hazardous Polymerisation:	Will not occur.

**6. TOXICOLOGICAL PROPERTIES**

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Route of Entry:	
Skin Contact:	No
Skin Absorption:	No
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Exposure:	Bonds skin instantly! Product may cause coughing. Prolonged or repeated exposure at elevated levels may produce allergic reactions with asthma like symptoms in sensitive individuals. Eye contact can cause tearing. Irritating to skin. Prolonged and repeated contact at elevated levels may cause dermatitis. It is almost impossible to swallow cyanoacrylate as adhesive solidifies upon contact with saliva & may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days, avoid swallowing adhesive after detachment.
Carcinogenicity of material:	No information is available and no adverse Carcinogenic effects are anticipated.
Reproductive effects:	No information is available and no adverse Reproductiv effects are anticipated.
Teratogenicity:	No information is available and no adverse Teratogenic effects are anticipated.
Mutagenicity:	No information is available and no adverse Mutagenic effects are anticipated.

**8. PREVENTIVE MEASURES**

Eye Protection:	Use chemical safety goggles.
Skin Protection:	Vinyl (polyethylene) non-sticking gloves.
Respiratory Protection:	NIOSH/MSH or approved respirator with cartridge recommended for organic vapour or paint (TC-23c) when airborne exposure is excessive.
Engineering Controls:	Natural or exhaust ventilation are required.
Leak/Spill Clean-Up Procedures:	Eliminate ignition sources like heat, open flame and sparks, ventilate area of spill and dike area. Wear protective clothing and equipment. Only trained personnel should provide clean up work. Use spark resistant tools. Cover the spill with inert absorbent and place into proper containers, do not seal. Dispose product per Federal and Local Provincial law permit. Notify applicable government authority if release is reportable or could adversely affect the environment.
Storage Instructions:	Keep away from heat, sparks, and open flames.

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Sub Risk:	Not Applicable
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**13. REGULATORY INFORMATION**

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WHMIS Classification: D2B

**14. OTHER INFORMATION**

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