Safety Data Sheet

Document Group:		**Version Number:**	1.1
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SECTION 1 : Identification

1.1. Product Name: High Gloss Sealer

1.2 Alternative Name(s) or Identification: n/a

1.3 Recommended use and restrictions on use: Various coating applications. Use in well ventilated area.

1.4 SDS Supplier details:

Company: Xcel Surfaces
Address: 3750 W Indian School Rd
Phoenix, AZ 85019
Telephone: 602-636-6720

1.5 Emergency telephone number
Xcel Surfaces 800-644-9131
CHEMTREC 800-424-9300

1.6 Chemical Name: n/a

SECTION 2: Hazard Identification

2.1 Hazard Classification

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids (Category 3)
Acute toxicity, Inhalation (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Germ cell mutagenicity (Category 1B)
Carcinogenicity (Category 1B)
Specific target organ toxicity – single exposure (Category 3), Respiratory system
Specific target organ toxicity – repeated exposure, Inhalation (Category 2), Central nervous system, Liver, Kidney
Aspiration hazard (Category 1)
Acute aquatic toxicity (Category 2)
Chronic aquatic toxicity (Category 2)

2.2 GHS Label Elements

Signal Word:
Danger

Hazard Statement(s):
Flammable liquid and vapor
May be fatal if swallowed and enters airways
Causes skin irritation
Causes serious eye irritation
Harmful if inhaled
May cause respiratory irritation
May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure if inhaled
May cause genetic defects
May cause cancer
May cause drowsiness or dizziness
Toxic to aquatic life
Toxic to aquatic life with long lasting effects

Hazard Pictogram(s):

Precautionary Statement(s):

Obtain special instructions before use
Keep away from heat, hot surfaces, open flames, sparks – No Smoking
Use only non-sparking tools
Wear eye protection, protective clothing, protective gloves
IF SWALLOWED, immediately call a doctor
Do not induce vomiting
Store in a well-ventilated place. Keep container tightly closed.

2.3 Hazards not otherwise classified

No data available

SECTION 3: Composition/Information on Ingredients

Component	CAS No	%Wt
Acrylic Copolymer	n/a	Trade Secret*
Solvent Naphtha (Petroleum) Light Aromatics	64742-95-6	Trade Secret*
1,2,4-Trimethyl Benzene	95-63-6	Trade Secret*
Xylene	1330-20-7	Trade Secret*
Cumene	98-82-8	< 1%

*The specific chemical identity and/or exact percentages of certain components have been withheld in accordance with paragraph (i) of the 1910.1200 OSHA Hazard Communication standard regarding trade secrets.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation:
If breathed in, move person to fresh air
If not breathing, give artificial respiration and seek immediate medical attention
If cough or respiratory irritation persist, seek medical attention

Skin Contact:
Wash with soap and plenty of water
Consult a physician

Eye Contact:
Flush eyes with large amounts of clean water for at least 15 minutes
Remove contact lenses if easy to do
Seek medical attention

Ingestion:
DO NOT induce vomiting unless instructed to do so by a medical professional
Never give anything by mouth to an unconscious person
Rinse mouth with water
Consult a physician

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2.2

4.3 Indication of any immediate medical attention and special treatment required

No data available

SECTION 5: Fire-Fighting Measures

5.1. Suitable extinguishing media
Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide

5.2. Specific Hazards
Combustion byproducts may include oxides of carbon (CO, CO_2)

5.3. Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapors/mists. Ensure adequate ventilation. Vapors may accumulate in low areas. Vapors may accumulate to form explosive concentrations. Remove all sources of ignition. Evacuate personnel to safe area.

For personal protective equipment recommendations, please refer to Section 8.

6.2. Methods and material for containment and cleaning up
Contain spilled product, and collect with an electrically protected vacuum cleaner or by wet-brushing and placing waste in suitable closed containers for disposal according to local regulations. See Section 13 for waste disposal.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling
Avoid contact with skin and eyes. Avoid skin/eye contact. Keep away from ignition sources – No smoking. Take measures to prevent the build-up of electrostatic charge. Avoid breathing vapor or mist. Avoid release to the environment. Avoid contact with oxidizing agents and/or strong caustics.

Utilize appropriate personal protective equipment (as outlined in Section 8).

For precautions see section 2.2.

7.2. Conditions for safe storage including any incompatibilities
Store in a dry well-ventilated place. Keep cool. Keep container upright and tightly closed to prevent leakage. Store away from heat. Store away from incompatible materials such as strong oxidizing agents and caustics.

SECTION 8: Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits (OEL)

OSHA PEL	Naphtha	100 ppm
	1,2,4-trimethylbenzene	100 ppm
	Xylene(s)	n/a
	Cumene	50 ppm
NIOSH REL	Naphtha	100 ppm
	1,2,4-trimethylbenzene	25 ppm
	Xylene(s)	100 (ST 150 ppm)
	Cumene	50 ppm
ACGIH TLV	Naphtha	n/a
	1,2,4-trimethylbenzene	25 ppm
	Xylene(s)	100 ppm (STEL 150 ppm)
	Cumene	50 ppm

OSHA = Occupational Safety & Health Administration
NIOSH = National Institute of Occupational Safety& Health
ACGIH = American Conference of Governmental Industrial Hygienists
TWA = Time-weighted average
ST = Short-Term Exposure Limit (15-minute TWA)
STEL = Short-Term Exposure Limit (15-minute TWA)
PEL = Permissible Exposure Limit (8-hour TWA)
REL = Recommended Exposure Limit (10-hour TWA)
TLV = Threshold Limit Value (8-hour TWA)
ppm = parts per million
mg/m^3 = milligrams per cubic meter

8.2 Engineering Controls

Utilize product in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to minimize worker exposures to vapors and mists. Follow good industrial hygiene practice.

8.3 Personal Protective Equipment (PPE)

Eye/face protection
Use eye protection tested and approved by the appropriate regulating agency (OSHA, ANSI, etc.). Safety glasses, goggles, and or face shields are recommended with handling the product.

Skin/hand protection
Handle product with impervious and waterproof gloves (Nitrile® or equivalent are recommended). Prevent the product from getting inside the gloves during work. Gloves must be inspected prior to use. Use proper glove removal techniques to avoid skin contact with the product. Dispose of soiled gloves according to applicable laws. Wash and dry hands. Body protection may also be selected for large volume applications.

Respiratory protection
Respiratory protection is recommended when handling the product in order to prevent exposures from exceeding occupational exposure limits (OELs). Choice of respirator will depend on anticipated or measured airborne concentrations, and in accordance with NIOSH recommendations. If risk assessment shows that air-purifying respirators are deemed appropriate for anticipated/measured airborne concentrations, use a full-face respirator with multi-purpose combination respirator cartridge. If risk

assessment shows that air-purifying respirators are not deemed appropriate for anticipated/measured airborne concentrations, full-face supplied air respirators are recommended.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear Liquid
Odor:	Solvent
Odor Threshold:	No data available
pH:	No data available
Melting Point/Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability:	No data available
Flammability Limits (upper/lower):	No data available
Vapor Pressure:	No data available
Vapor Density:	Heavier than air (>1)
Relative Density:	No data available
Solubility:	No data available
Partition Coefficient (n-octanol/water):	No data available
Auto-Ignition Temperature:	No data available
Viscosity:	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
Stable under recommended storage conditions

10.3. Possibility of hazardous reactions
Vapors may form explosive mixture with air

10.4. Conditions to avoid
Excessive heat, flame, sparks, ignition sources

10.5. Incompatible materials
Strong oxidizing agents

10.6. Hazardous decomposition products
Under normal condition of storage and use, hazardous decomposition products are not anticipated
May burn and produce carbon oxides (CO_2, CO)

SECTION 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Inhalation:
Product vapors and mists may be inhaled during handling and application process

Ingestion:
Ingestion may occur due to poor hygiene practices (no PPE, lack of handwashing, etc.) and smoking, drinking, and/or eating while utilizing this product.

Skin & Eye Contact:
Product spilling and splashing without appropriate PPE may result in skin and eye exposure.
Generation of vapors and mists may be generated during utilization of this product resulting in skin and eye exposure.

11.2 Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation:
May cause headache and throat, nasal and upper respiratory tract irritation

Ingestion:
May cause vomiting

Skin Contact:
May cause skin and eye irritation

Eye Contact:
Irritation, pain, watering, redness

11.3 Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure
Refer to Section 2.2

11.4 Acute Toxicity

Ingestion:
Solvent Naphtha: LD50 Oral (rat, male) > 14,000 mg/kg
1,2,4-trimethylbenzene: LD50 Oral (rat, male) = 6,000 mg/kg
Xylene(s): LD50 Oral (rat, male) = 3,523 mg/kg
Cumene: LD50 Oral (rat, male) = 880 mg/kg

Inhalation:
Solvent Naphtha: LC50 Inhalation (rat) = 6,000 – 10,000 mg/m^3 (4 hours)
Xylene(s): LC50 Inhalation (rat) = 5,000 ppm (4 hours)

Skin/Dermal:
Solvent Naphtha: LD50 Dermal (rabbit) > 2,000 mg/kg
Xylene(s): LD50 Dermal (rabbit) = 12,126 mg/kg

11.5 Carcinogenicity

IARC: Naphtha (Petroleum Solvents) – Group 3: Not classifiable as to its carcinogenicity to humans
Xylene(s) – Group 3: Not classifiable as to its carcinogenicity to humans
Cumene – Group 2B: Possibly carcinogenic to humans

NTP: Cumene – Reasonable anticipated to be a human carcinogen

SECTION 12: Ecological Information

12.1 Ecotoxicity

Aquatic:

Naphtha: LC50 = 9.2 mg/L (Oncorhynchus mykiss, 96 hours)
1,2,4-trimethylbenzene: LC50 = 7.72 mg/L (Pimephales promelas, 96 hours)
Xylene(s): LC50 = 3.3 mg/L (Oncorhynchus mykiss, 96 hours)
Cumene: LC50 = 4.8 mg/L (Oncorhynchus mykiss, 96 hours)

Terrestrial: No data available

12.2 Persistence and Degradability
Naphtha: not readily biodegradable
Xylene(s): readily biodegradable

12.3 Bioaccumulative Potential
No data available

12.4 Mobility in Soil
No data available

12.5 Other Adverse Effects
No data available

SECTION 13: Disposal Considerations

Dispose of product and/or container in accordance with all municipal, county, state, federal, and international regulations.

SECTION 14: Transport Information

DOT: No data available
IMDG: No data available
IATA: No data available

SECTION 15: Regulatory Information

15.1. EPA Regulations

SARA 302 Components
No chemicals in this product are subject to the reporting requirement of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

Xylene - CAS 1330-20-7
Cumene - CAS 98-82-8

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

California Prop. 65 Components

This product contains chemical(s) known to the state of California to cause cancer.

Cumene (<1%) – CAS 98-82-8

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other Information

NFPA Hazard Classification

Health: 2
Flammability: 1
Reactivity: 0
Special Hazards:

HMIS Hazard Classification

Health: 2
Flammability: 1
Physical Hazards: 0

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