

SAFETY DATA SHEET SDS: EXPEL

Section 1—Identification

Product Identifier: EXPEL

Product Use: Graffiti Remover Liquid for Masonry Surfaces.

Manufactured By: ETS Company

Address: 20 E. Winona Ave. Norwood, PA 19074

Manufactured For: Decker Equipment

Address: 215 South Sherman St. Vassar, MI, 48768

24 Hour Emergency Telephone: ChemTel 800-255-3924

General Telephone: 1-800-762-4899

Website:

www.schoolfix.com



Section 2—Hazard's Identification

Classifications: Skin Corrosion Category 1B, Eye Damage Category 1, Acute Toxicity—Oral Category 4, Flammable Liquid Category 3 (Although will not sustain flame, See notes sections 5 & 9)

Symbols: Corrosion, Flame

Signal Word: Danger

Hazard Statement: Causes severe skin burns and eye damage. Harmful if swallowed. Flammable liquid and vapor (Although will not sustain flame, See notes sections 5 & 9)

Precautionary Statements:

Prevention: Wash hands and skin thoroughly after handling. Wear eye and face protection. Wear Protective liquid proof gloves and clothing. Do not eat, drink or smoke when using this product. Do not breathe mist or spray. Keep only in original plastic container. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use explosion proof electrical/ventilating/lighting/equipment/ Use only non sparking tools. Take precautionary measures against static discharge.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do not induce vomiting. Immediately call a poison center / doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower. Wash contaminated clothing before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Storage: Store locked up.

Disposal: Dispose of contents / container in accordance with local, state, federal and international regulations.

Environmental: Biodegradable

NFPA Rating:

0=Safe, 4=Danger; Health (Blue) 2 Flame (Red) 1 React (Yellow) 0 Special (White) Alk

Section 3—Composition / Information on Ingredients

Component	CAS#	% By Weight
Propylene glycol methyl ether acetate	108-65-6	1—5
Potassium Hydroxide	1310-58-3	5—10

In compliance with OSHA HCS and UN GHS, Trade Secret / Confidential business information has been omitted.

Section 4—First Aid Measures

Inhalation: Unusual Exposure to mist will irritate respiratory system. Move Person to fresh air and keep comfortable.

Eyes: Contact will cause burns. Continually flush with water. Remove contact lenses if present and easy to do and seek medical attention.

Skin: Contact will cause skin irritation or burning. Remove contaminated clothing, flush skin with water for 15 minutes. Wash contaminated clothing before reuse.

Ingestion: Swallowing will cause burning to mouth, throat and digestive system. Corrosive if swallowed, wash mouth, seek immediate medical attention. Call poison Control. Do not induce vomiting unless directed to do so by medical personnel.

Always seek medical attention if complications develop.

Section 5—Fire Fighting Measures

Note: Product will not sustain combustion, burning or flame per ASTM D4206

Suitable Extinguishing Media: CO2, Dry Chemical, Foam, Water Spray

Unsuitable Extinguishing Media: None Known

Unusual Fire & Explosion Hazards: May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.

Special Protection & Procedures: Cool fire-exposed containers. Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus.

Section 6—Accidental Release Measures

Personal Precautions: Keep unnecessary people away; isolate area and deny entry. Stay upwind. Do not eat, drink or smoke while cleaning up. (Also see section 8).

Protective Equipment: **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Emergency Procedures: Use appropriate safety equipment. Eliminate sources of ignition. Collect and contain all spill with absorbent material for disposal. Cover drains. Contain large spills and pump into suitable tank for disposal.

Waste Disposal methods: Obey all local, state and federal regulations.

Section 7—Handling and Storage

Precautions & Conditions for Safe Handling: Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Do not mix with other chemicals. Avoid breathing mist. No eating, drinking or smoking. Wash hands after use. Store in a well ventilated place. Keep cool. Do not store near open flame or heat. Do not store near incompatible materials. Do not take internally. Transfer material only to approved, properly labeled containers. KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: Strong acids, alkalis and oxidizers.

Section 8— Exposure Controls/ Personal Protection

Exposure Limits	OSHA PEL	ACGIH TLV	Other
Propylene glycol methyl ether acetate	Not Available	Not Available	Not Known
Potassium Hydroxide	Not Listed	2 mg/ m3	Not Known

Ventilation: Local & mechanical recommended

Personal protective equipment (PPE): **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Section 9—Physical and Chemical Properties

Appearance / Color: Liquid, Reddish Brown
Odor: Fresh and clean scented
pH: High Alkaline & Solvent blend
Melting Point: Does Not Apply
Freezing Point: Less than -10Degrees F.
Boiling Point: Not Available
Flash Point: 112.1 Degrees F. Small Scale closed cup ASTM D3278. **Note:** Product will not sustain combustion, burning or flame per ASTM D4206, therefore ships not flammable.
Evaporation Rate: Not Available
Lower Flammable Limit: Not Available
Upper Flammable Limit: Not Available
Vapor Pressure: Not Available
Vapor Density: Not Available
Relative Density / Specific Gravity:
Solubility(ies): Complete in water
Partition Coefficient: n-octanol/water: Not Available
Auto-ignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Thin Liquid
V.O.C Content: Less than 30% (by weight)

Section 10—Stability and Reactivity

Reactivity: Not available / none known
Chemical Stability: No decomposition, if handled and stored according to specifications.
Possibility of hazardous reactions: Avoid incompatible materials.
Conditions to avoid: Heat, sparks, flame.
Materials to avoid: Strong acids, oxidizers, Aluminum and other alloys.
Hazardous decomposition products: May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.

Section 11—Toxicological Information

Signs and symptoms of overexposure:
Acute Effects:
Inhalation: Exposure to mist will irritate or burn respiratory system.
Eyes: Contact will cause burns.
Skin: Contact will cause skin irritation or burning.
Ingestion: Swallowing will cause burning to mouth, throat and digestive system.
Target Organ Effects: None are known
Chronic Effects: None are known
Carcinogenicity: None are known
Germ Cell Mutagenicity: None are known
Reproductive Toxicity: None are known
Medical Conditions Aggravated by Exposure: None are known

Section 12—Ecological Information

Persistence and degradability: All components contained in the product are classified as “readily biodegradable”. This product is expected to be inherently biodegradable.
Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Section 13—Disposal Considerations

Obey all local, state, federal and international regulations.

Section 14—Transportation Information

U.S. Department of Transportation (DOT)
UN/NA Number: UN1760
Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S., (potassium Hydroxide), 8, PGII
Hazard Class: 8 (Corrosive)
Packing Group: II
Labels Required: Corrosive
U.S. / Canada Emergency Response Guide #: 154
International Maritime Organizations (IMDG)
UN/NA Number: UN1760
Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S., (potassium Hydroxide), 8, PGII
Hazard Class: 8 (Corrosive)
Packing Group: II
Labels Required: Corrosive

Section 15—Regulatory Information

[WHMIS Classification]:

[OSHA]:

[SERA]:

[TSCA]:

Section 16— Other Information

Date SDS Prepared: May 1st 2015 **Revised:** May 1st 2021
The information in this SDS was obtained from sourced which we believe to be reliable. However, the information is provided without any warranty, expressed or implied. We do not assume responsibility and expressly disclaim liability for loss, damage or expense rising out of, or in any way connected with the handling, storage, use or disposal of the product. This SDS may not be applicable if the product is used as a component of another product.
Prepared in accordance with the OSHA Hazard Communication Standard (HCS) to conform with the United Nations (UN) Globally Harmonized System of Classification and Labeling of Chemical (GHS)