

SAFETY DATA SHEET

SAUEREISEN

400 Vinyl Ester Mortar, Accelerator

Date Prepared : 07/22/2016

SDS No : SCC-400A

Date Revised : 06/28/2016

Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 400 Vinyl Ester Mortar, Accelerator**PRODUCT DESCRIPTION:** Vinyl Ester Mortar Accelerator, Liquid**PRODUCT CODE:** 400A**PRODUCT FORMULATION NAME:** 400 Vinyl Ester Mortar Accelerator, Liquid**CHEMICAL FAMILY:** N,N Diethylaniline**MANUFACTURER**

Sauereisen

160 Gamma Drive

Pittsburgh, PA 15238

Emergency Contact: John Kozak**Emergency Phone:** (800)424-9300**Alternate Contact:** Don Schubert**Customer Service:** 412 963-0303**E-Mail:** jakozak@sauereisen.com**24 HR. EMERGENCY TELEPHONE NUMBERS**

Poison Control Center (Medical):1-800-222-1222

CHEMTREC (US Transportation): 1-800-424-9300

CHEMTREC (Outside US):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Acute Toxicity (Inhalation), Category 2

Acute Toxicity (Dermal), Category 3

Acute Toxicity (Oral), Category 3

Environmental:

Acute Hazards to the Aquatic Environment, Category 2

Chronic Hazards to the Aquatic Environment, Category 2

Physical:

Flammable Liquids, Category 4

GHS LABEL

Environment

Skull and
crossbones**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H227: Combustible liquid.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H330: Fatal if inhaled.

H411: Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P284: [In case of inadequate ventilation] wear respiratory protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P302+P352: IF ON SKIN: Wash with plenty of water/...

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor/...

P320: Specific treatment is urgent (see First Aid instructions on this label).

P330: Rinse mouth.

P361: Take off immediately all contaminated clothing.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use carbon dioxide, foam, dry chemicals, or sand to extinguish.

P391: Collect spillage.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P235+P410: Keep cool. Protect from sunlight.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
N,n-diethylaniline	100	91-66-7

4. FIRST AID MEASURES

EYES: Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

SKIN: Material will irritate skin. Speed is essential in removing product from skin. Flush skin with water while removing contaminated clothing. Wash with soap and plenty of water.

INGESTION: If swallowed, do not induce vomiting. Seek Medical attention immediately. Rinse mouth with water. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, move to fresh air once. Apply artificial respiration if breathing has stopped. Seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes pain, redness and tearing.

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: Material may be absorbed through the skin quickly in harmful amounts, with the same symptoms as inhalation.

INHALATION: Inhalation may cause dizziness, stupor, unconsciousness, central nervous system depression, weakness, vomiting, drowsiness, blurred vision, headache and nausea.

ACUTE EFFECTS: Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis (bluish discoloration of skin). Onset may be delayed 2 to 4 hours or longer. Readily absorbed through skin. Effects can cause neurotoxic effects.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Combustible Liquid

GENERAL HAZARD: Flammable in presence of open flame, sparks, excessive heat and static discharge.

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, and dry chemicals.

HAZARDOUS COMBUSTION PRODUCTS: Combustion may produce ammonia, nitrogen oxides, carbon monoxide and carbon dioxide.

EXPLOSION HAZARDS: Dusts and aerosols at sufficient concentrations may exhibit explosive characteristics if ignited by static discharge or spark. Exercise care during dusting or misting operations such as grinding or drilling.

FIRE FIGHTING PROCEDURES: Firefighters subject to products of combustion should wear full protective clothing, including self-contained breathing apparatus.

FIRE FIGHTING EQUIPMENT: Toxic fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighters.

FIRE EXPLOSION: Containers may explode in heat of fire; cool containers with water.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide, nitrogen oxides, and/or ammonia.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.

LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up with sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

- Avoid contact with eyes, skin, and clothing.
- For industrial use only! Do not take internally.
- May cause irritation.
- Do not eat, drink or smoke when using this product.
- Wear chemical splash goggles, gloves and protective clothing.
- Avoid high ambient temperatures and humidity.
- Wash thoroughly after handling.
- Keep away from sources of ignition.

STORAGE: Store in a cool, dry place.

- Keep container closed when not in use.
- Store away from direct heat and flame.
- Keep away from food and drinking water.
- DO NOT SMOKE where product is used or stored.
- Store in a well-ventilated place.
- Empty containers may have residue and flammable vapors.
- Do not expose to heat, cut, weld, or puncture empty containers.
- Store away from combustible and incompatible materials.
- Remove all sources of ignition or sparks from area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Breathing vapors must be avoided. Ventilation must be sufficient to control vapors. This material should be confined as far as possible within sealed or covered equipment in which case normal ventilation should be adequate. Special (local) ventilation will be needed in areas where vapors are expected to be vented.

PERSONAL PROTECTIVE EQUIPMENT

- EYES AND FACE:** Splashproof, chemical resistant safety goggles or face shield. Eye bath nearby. Contact lenses should not be worn.
- SKIN:** Suitable protective gloves (neoprene, butyl rubber, or viton). Clothing should be clean, long-sleeved workclothes. Synthetic apron. Boots. Wash thoroughly before eating, smoking, applying cosmetics, etc. Thoroughly launder work clothes before reuse. Safety shower nearby.

RESPIRATORY: Full-face piece, positive pressure, air supplied respirator. **WARNING!** Air purifying respirators do not protect workers in oxygen deficient environments.

PROTECTIVE CLOTHING: Wash contact area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. Seek medical attention if erythema develops.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Safety shower and eyewash station should be within direct access. Keep containers closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Not Available

APPEARANCE: Liquid

COLOR: Colorless to yellow

pH: Alkaline.

PERCENT VOLATILE: 100

FLASH POINT AND METHOD: (185°F)

FLAMMABLE LIMITS: NE to NE

VAPOR PRESSURE: < 1 mm Hg at 20°C

VAPOR DENSITY: 5

BOILING POINT: (485°F)

MELTING POINT: (-36°F)

SOLUBILITY IN WATER: Slight.

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 0.938 at 25°C

(VOC): 1

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Avoid direct sunlight and temperatures above 100 F

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, and / or ammonia.

INCOMPATIBLE MATERIALS: Avoid contact with strong acids and oxidizers or epoxy resins under uncontrolled conditions.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD₅₀: 782 mg/kg (rat)

INHALATION LC₅₀: 1920 mg/L 4 hours (rat)

SERIOUS EYE DAMAGE/IRRITATION: Eye, Skin and Inhalation Irritant.

RESPIRATORY OR SKIN SENSITISATION: Skin and Respiratory sensitizer.

GERM CELL MUTAGENICITY: No Data Available

REPRODUCTIVE TOXICITY: No Data Available

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

48-HOUR EC₅₀: 1.3 mg/L Daphnia Magna

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material should be disposed of as hazardous waste in accordance with Federal, state and local environmental regulations.

EMPTY CONTAINER: Empty containers must be handled with care due to product residue. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained (less than one inch of residue), properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: N,N-Diethyl Aniline

PRIMARY HAZARD CLASS/DIVISION: 6.1

UN/NA NUMBER: UN2432

PACKING GROUP: III

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: N,N-Diethyl Aniline

UN NUMBER: UN2432

HAZARD CLASS: 6.1

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: N,N-Diethyl Aniline

UN/NA NUMBER: UN2432

PRIMARY HAZARD CLASS/DIVISION: 6.1

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: N,N-Diethyl Aniline

UN/NA NUMBER: UN2432

PRIMARY HAZARD CLASS/DIVISION: 6.1

PACKING GROUP: III

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: N,N-Diethyl Aniline

UN/NA NUMBER: UN2432

PRIMARY HAZARD CLASS/DIVISION: 6.1

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute. Chronic. Fire Hazard. Highly Toxic. Irritant. Toxic.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: There are no listed chemicals above detection limits in this compound.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
N,n-diethylaniline	100	1,000

CERCLA RQ: 1000 lb (454 kg) final RQ for N,N-Diethyl Aniline

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
N,n-diethylaniline	91-66-7

REGULATIONS**STATE REGULATIONS:**

Massachusetts Right To Know Components

N,N-Diethylaniline CAS-No 91-66-7

Pennsylvania Right To Know Components

N,N-Diethylaniline CAS-No 91-66-7

New Jersey Right To Know Components

N,N-Diethylaniline CAS-No 91-66-7

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Combustible
Liquid



Toxic

R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed.

R37/38: Irritating to respiratory system and skin.

R39: Danger of very serious irreversible effects.

S13: Keep away from food, drink and animal feedingstuffs.

S16: Keep away from sources of ignition — No smoking.

S20/21: When using do not eat, drink or smoke.

S23: Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

S3/7: Keep container tightly closed in a cool place.

S35: This material and its container must be disposed of in a safe way.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

WHMIS CLASS: Class B, Division 3, Combustible Liquid.

Class D, Division 2, Subdivision A: Materials cause other toxic effects, very toxic material.

16. OTHER INFORMATION

PREPARED BY: John A Kozak **Date Revised:** 06/28/2016

REVISION SUMMARY: This SDS replaces the 06/28/2016 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - UN/NA NUMBER.

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY		2
PHYSICAL HAZARD		1
PERSONAL PROTECTION		K