

SAFETY DATA SHEET

S-30 SMOOTHING LIQUID

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: S-30 SMOOTHING LIQUID

PRODUCT CODE: #S30

PRODUCT USE: A smoothing aide to trowel applied products.

MANUFACTURER

DUDICK, INC.
1818 MILLER PARKWAY
STREETSBORO, OH, 44241
330-562-1970

24 HR. EMERGENCY TELEPHONE NUMBER

CHEM-TEL (US Transportation): (800)255-3924

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0585

Transportation)

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Flammable liquids - Category 3

Skin Irritant - Category 2

Germ cell mutagenicity - Category 2

Specific target organ toxicity - single exposure - Respiratory tract irritation - Category 3

Specific target organ toxicity - single exposure - Central Nervous System - Category 3

Aspiration hazard - Category 1

Carcinogenicity - Category 1

Serious Eye Damage/Eye Irritation - Category 2B

GHS LABEL ELEMENTS:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H226 Flammable liquid and vapor

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H341 Suspected of causing genetic defects .

H350 May cause cancer.

H320 Causes eye irritation.

PRECAUTIONARY STATEMENTS :

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/mixing/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash all contacted body parts thoroughly after handling.
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.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370+P378 In case of fire: Use foam, dry chemical, or carbon dioxide for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local, regional, and federal regulations.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Weight %	CAS Number
4-Hydroxy-4-methyl-2-pentanone	45% to 60%	123-42-2
Light Petroleum Naphtha	40% to 50%	64742-95-6
Xylene - Mixed isomers	0% to 5%	1330-20-7
cumene	0% to 5%	98-82-8

No further information available for this product.

4. FIRST AID MEASURES

EYES: Hold open eyelids and flush with copious amounts of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

SKIN: Wash with soap and water. Contact Physician if irritaion persists.

INGESTION: Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Consult physician or poison center immediately.

INHALATION: Consult a physician after significant exposure. Move person to fresh air. If unconscious place in recovery position and seek medical advice.

NOTES TO PHYSICIAN: No data available for this product.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Alcohol resistant foam; Carbon Dioxide (CO₂); dry chemical; dry sand; use water to keep containers cool.

UNSUITABLE EXTINGUISHING MEDIA: Do not use high pressure water jet as this may spread the area of the fire.

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SPECIFIC HAZARDS IN CASE OF FIRE: Releases flammable vapors below normal ambient temperatures. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Flammable vapors may be heavier than air and travel long distances along the ground before igniting and flashing back to vapor source. Move containers from fire area if it can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS: Wear self-contained breathing apparatus (SCBA) in positive pressure mode and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Isolate area; ensure adequate ventilation; remove all sources of ignition; use appropriate personal protection equipment; avoid breathing mist, vapors, spray; avoid contact with skin, eyes and clothing; keep unnecessary and unprotected personnel from entering the involved area.

ENVIRONMENTAL PRECAUTIONS: Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Use non-sparking tools. Flush area with water. Prevent from entering into soil, ditches, sewers, waterways, and/or groundwater.

METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Eliminate all sources of ignition. All equipment used when handling this product must be grounded. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. Dike large spills and place materials in salvage containers. Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use only non-sparking tools. Extinguish all ignition sources. Containers must be properly grounded before beginning transfer. Handle empty containers with care; vapor/residue may be flammable. This material may attack some forms of plastics, rubbers, and coatings. Wear recommended personal protective equipment. Observe precautions pertaining to confined space entry. Do not breathe vapors or spray mist. Bond and ground containers when transferring liquid. Keep container tightly closed when not in use.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Store in a cool, dry, well ventilated, flammable liquid storage area.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS	Limits
4-Hydroxy-4-methyl-2-pentanone	123-42-2	ACGIH TLV; TWA 50 ppm NIOSH REL; TWA 50 ppm
Light Petroleum Naphtha	64742-95-6	NIOSH REL; TWA 350 mg/m ³ OSHA PEL; TWA 2000 mg/m ³
Xylene - Mixed isomers	1330-20-7	OSHA TWA - 100 ppm OSHA STEL - 150 ppm

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cumene	98-82-8	ACGIH TLV; TWA 50 ppm
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ENGINEERING CONTROLS: Ventilation:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels requirements or guidelines.

General ventilation may not be sufficient.

Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

EYES PROTECTION: Splash-proof chemical goggles.

SKIN PROTECTION: Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Hand protection: Use chemical resistant gloves. Consult glove manufacturer for recommendations.

WORK HYGIENIC PRACTICES: Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating. Wash contaminated clothing before reuse. Eye wash stations and emergency showers should be available.

OTHER USE PRECAUTIONS: The type and degree of personal protective equipment will depend on the specific work operation. Eye wash stations and emergency showers should be available. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

COMMENTS: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Clear

FLASH POINT AND METHOD: 40C Closed Cup

AUTO-IGNITION TEMPERATURE: Not Determined.

BOILING POINT/RANGE: No data available for this product.

MELTING POINT: Not Determined.

VAPOUR PRESSURE: Not determined.

VAPOUR DENSITY: Heavier than air.

SOLUBILITY: Slight in water.

ODOR/THRESHOLD: Organic solvent

LOWER / UPPER FLAMMABLE LIMITS: No data available for this product.

DENSITY: 0.9079

EVAPORATION RATE: Slower than ether.

PARTITION COEFFICIENT: Not determined.

pH: Not Applicable.

DECOMPOSITION TEMPERATURE: Not determined.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: This product is stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur under normal conditions.

CONDITIONS TO AVOID: Avoid heat, flame, sparks, and other sources of ignition.

MATERIALS TO AVOID: Strong oxidizing agents. Strong acids, strong bases and amines

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal conditions.

Incomplete combustion may generate carbon monoxide, carbon dioxide.

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11. TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS:

EYE CONTACT: May cause eye irritation. Corneal injury is unlikely.

SKIN CONTACT: May be absorbed through the skin in harmful amounts. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Prolonged or repeated skin contact may cause irritation. Skin absorption of material may produce systemic toxicity.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness and even death). May cause headaches and dizziness. May cause serious disturbances of heart rhythm. Vapors irritating to eyes and respiratory tract. Repeated overexposure has caused a hearing loss in laboratory animals. Prolonged or repeated exposure may cause liver and kidney damage. Intentional prolonged overexposure to high levels of vapors can produce abnormal behavior, convulsions, hallucinations, delirium, nervous system damage, serious disturbances of heart rhythm and sudden death.

INGESTION: Overexposure may cause nausea, diarrhea, and/or vomiting. Ingestion may cause gastrointestinal tract irritation.

TARGET ORGAN: May cause respiratory irritation., May cause drowsiness or dizziness.

Target Organs: Central nervous system, Respiratory system.

CHRONIC EFFECTS: Overexposure may cause nervous system damage. Significant repeated exposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin, and/or eyes.

Suspected of causing genetic defects.

TOXICITY VALUES: Naphtha:

LD50 oral rat >14000 mg/kg (Sprague-Dawley)

LD50 dermal rabbit >2000 mg/kg

LC50 inhalation rat (mg/l) – 4h 6,000 - 10,000 mg/m³ (C9 aromatic naphtha)

4-Hydroxy-4-methyl-2-pentanone:

LD50 Oral - Rat - 2,520 mg/kg

LC50 Inhalation - Rat - 4 h - > 10 mg/l

LD50 Dermal - Rabbit - 13,500 mg/kg

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12. ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY:

No data available for this product.

BIO-ACCUMULATIVE POTENTIAL:

Not determined.

MOBILITY IN SOIL:

Not determined.

OTHER ADVERSE EFFECTS:

Not known.

ECOTOXICOLOGICAL OTHER INFORMATION:

Not determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of according to local, state, and federal regulations through a licensed disposal facility.

14. TRANSPORT INFORMATION

UN NUMBER: UN 1993

UN PROPER SHIPPING NAME: Petroleum Distillates, N.O.S.(Solvent naphtha, light aromatic)

TRANSPORT HAZARD CLASS:

3

TRANSPORT HAZARD SUBCLASS:

Not applicable.

PACKING GROUP: III

MARINE POLLUTANT Y/N:

No

SPECIAL PRE-CAUTIONS: When packaged in containers of 900 lbs (119 gallons) or less, this material ships as non-regulated.

15. REGULATORY INFORMATION

U.S. REGULATIONS:

All components of this product are listed on or exempt from the TSCA Inventory.

U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: Yes

PRESSURE GENERATING: No

REACTIVITY: No

ACUTE: Yes

CHRONIC: Yes

313 REPORTABLE INGREDIENTS:

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Chemical Name	Weight %	CAS
Light Petroleum Naphtha	45% to 50%	64742-95-6
Xylene - Mixed isomers	0% to 5%	1330-20-7
cumene	0% to 5%	98-82-8

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No data available for this product.

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STATE REGULATIONS:

The following chemicals are California Proposition 65 reportable:

Chemical Name	CAS
Xylene - Mixed isomers	1330-20-7
cumene	98-82-8

Massachusetts Right To Know Components

Chemical Name	CAS
4-Hydroxy-4-methyl-2-pentanone	123-42-2
Xylene - Mixed isomers	1330-20-7
cumene	98-82-8

Pennsylvania Right To Know Components

Chemical Name	CAS
4-Hydroxy-4-methyl-2-pentanone	123-42-2
Xylene - Mixed isomers	1330-20-7
cumene	98-82-8

New Jersey Right To Know Components

Chemical Name	CAS
4-Hydroxy-4-methyl-2-pentanone	123-42-2
Xylene - Mixed isomers	1330-20-7
cumene	98-82-8

OTHER GOVT. REGULATIONS: No other information available

16. OTHER INFORMATION

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