



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Super Release Product Code: SDCP-LIQREL

Trade Name: Smith's Super Release

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Product Use: Release agent for fresh concrete and polymer modified overlay systems including Smith's 4 in 1 Overlay.

Not recommended for: Cured or hardened concrete and overlay systems.

Section 2 - Hazards Identification

Symptoms of overexposure: Headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects.

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ≥ 20.5 mm ² /s at 40°C .

GHS Hazards

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling

P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Petroleum Naptha, Heavy Alkylate	64741-65-7	90.00% - 100.00%
	Inert	1.00% - 5.00%
Tall Oil Fatty Acids	61790-12-3	1.00% - 5.00%
Trade Secret		1.00%

Section 4 - First Aid Measures

Inhalation: Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

Eye Contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Skin Contact: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

Ingestion: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

Notes to Physician: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

Section 5 - Fire Fighting Measures

Flash Point: 54 C (129 F)

LEL: 1.00

UEL: 7.00

NFPA Flammable and Combustible Liquids Classification: Combustible Liquid Class II

Extinguishing Media: Alcohol-resistant foam, Carbon dioxide (CO₂), Dry chemical. Use a water spray to cool fully closed containers.

Unsuitable Extinguishing Media: High volume water jet.

Hazardous Combustion Products: : Carbon dioxide (CO₂), Carbon monoxide, Unburned hydrocarbons.

Specific Hazards During Firefighting: Do not allow run-off from fire fighting to enter drains or water courses. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Fire Equipment: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 - Accidental Release Measures

Spill / Leak Procedures: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Small Spills: Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations

Large Spills: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Section 7 - Handling and Storage

Handling Precautions: Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Storage Requirements: No smoking. Keep container tightly closed in a dry and wellventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Petroleum Naptha, Heavy Alkylate 64741-65-7	Not Established	Not Established	Not Established
Inert	Not Established	Not Established	Not Established

Tall Oil Fatty Acids 61790-12-3	TWA 5 mg/m ³ Oil Mist; Respirable	STEL 10 mg/m ³ Oil Mist; Respirable TWA 5 mg/m ³ Oil Mist; Respirable	Not Established
Trade Secret	Not Established	Not Established	Not Established

Hygiene Measures: When using do not eat, drink, or smoke. Wash hands before breaks and at the end of the workday.

Respiratory protection: No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.

Hand protection: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection: Eye wash bottle with pure water. Tightly fitting safety goggles, Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: impervious clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Section 9 - Physical and Chemical Properties

<p>Explosive Limits: 0.7% - 7%</p> <p>Appearance: Liquid</p> <p>Vapor Pressure (mmHg at 0.70 20°C):</p> <p>Solubility in Water (%): 0.00</p> <p>Specific Density: 0.773</p> <p>Freezing point: No Data Available</p> <p>Boiling range: 171°C - 204°C</p> <p>Evaporation rate: 0.1 n-Butyl Acetate</p>	<p>Percent Volatile by Volume 98</p> <p>Odor: Typical Solvent</p> <p>Vapor Density: > 1</p> <p>Pounds per gallon: 6.35</p> <p>Melting point: No Data Available</p> <p>Solubility: 0.05 g/l negligible</p> <p>Flash point: 51°C</p> <p>Flammability: No Data Available</p>
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Section 10 - Stability and Reactivity

Stability: Stable under normal conditions.

STABLE

Incompatibilities/Conditions to avoid: Strong oxidizing agents.

Hazardous Decomposition: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Dermal Toxicity LD50: 3,177mg/kg

Inhalation Toxicity LC50: 6mg/L

Component Toxicity

64741-65-7 Petroleum Naptha, Heavy Alkylate

Dermal LD50: 3,040 mg/kg (Rabbit) Inhalation LC50: 6 mg/L (Rat)

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

Section 12 - Ecological Information

Component Ecotoxicity

Petroleum Naptha, Heavy Alkylate

Ecotoxicity: Not available. Low acute toxicity to aquatic organisms.

Enviromental Fate: This product is biodegradable. Floats on water. Aromatic hydrocarbons may be bioaccumulative but they have no food chain concentration potential. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.

Tall Oil Fatty Acids

Fish LL100 Zebra danio (Danio rerio) > 10000 mg/l, 96 hr

Tall Oil

Fatty Acids TWA 5 mg/m3 Oil Mist; Respirable

Tall Oil

Fatty Acids STEL 10 mg/m3 Oil Mist; Respirable
TWA 5 mg/m3 Oil Mist; Respirable

Trade Secret

This mixture as a whole has not been subjected to eco-toxicological testing. In view of the difficulty of using current standard eco-toxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential enviromental hazards, and treated in consequence with all possible precaution.

Section 13 - Disposal Considerations

Disposal: Dispose of in accordance with all applicable local, state and federal regulations.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Petroleum Distillates, N.O.S.	UN 1268	III	3
IATA	Petroleum Distillates, N.O.S.	UN 1268	III	3
ADR/RID	Petroleum Distillates, N.O.S.	UN 1268	III	3
IMDG	Petroleum Distillates, N.O.S.	UN 1269	III	3

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

R2K List

64741-65-7 Petroleum Naptha, Heavy Alkylate

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

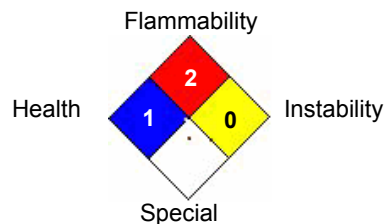
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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