

Material Safety Data Sheet



Section 1: Product Information

| | | |
|---|---|---|
| Manufacturer's Name / Address: Floritec Polytech, Inc. 1400 S. Geronimo Ave. Parker, AZ 85344 | Trade Name: Chemical Family: | ST-200 Stamp Overlay Liquid Release Agent Aliphatic Paraffin Derivative Compound |
| Info. Phone: (928) 669-1680 | Intended Use: | Stamp Tool Lubricant |
| Emergency Phone: 1-800-424-9300 CHEMTREC 24 Hours | | |

Section 2: Hazards Identification

Likely Routes of Exposure: ☒ Eye ☒ Inhalation ☐ Skin Contact ☒ Ingestion

Overexposure Effects (organs or systems targeted or affected): Cardiovascular system, Central nervous system, Kidneys

Potential Health Effects (acute and chronic)

Chronic: Repeated skin exposure may result in dryness and/or cracking of the skin

Acute

Eyes: Minimal irritation to eyes

Skin Contact: May cause moderate irritation to skin

Skin Absorption: Absorption not indicated

Inhalation: Vapors expected to be slightly irritating if inhaled

Ingestion: May cause lung damage if swallowed

Section 3: Hazardous Ingredients

| No. | Hazardous Component | CAS # | % of Total |
|-----|------------------------------------|-------------------|------------|
| 1 | Naphtha (Petroleum) Heavy Alkylate | 64741-65-7 | < 100% |
| 2 | Odorized Tracer Additive | Proprietary Blend | < 15 % |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |

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Supersedes Date: May 6, 2005

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Section 4: First Aid Measures

General: Move person to an area free from further exposure. If unconscious seek emergency medical assistance immediately. Treat symptomatically. NEVER ATTEMPT TO GIVE ANYTHING BY MOUTH TO A PERSON WHO IS UNCONSCIOUS.

Eyes: Flush with running water for 15 minutes while holding eyes open. Flush under eyelids to clear any trapped debris. Seek medical attention immediately.

Skin: Remove contaminated clothing immediately. Wash affected areas thoroughly with soap and water removing all material. Do not use clothing again until properly laundered. Dispose of if required. Seek medical attention if symptoms arise or persist.

Inhalation: Remove affected person from further risk of exposure and seek medical assistance immediately. Administer oxygen or artificial respiration as needed.

Ingestion: DO NOT INDUCE VOMITING! Seek medical attention immediately. *Never induce vomiting or give liquid to an unconscious person.*

Section 5: Fire Fighting Measures

| | |
|--|---|
| Hazardous Combustion Products: | Carbon monoxide in cases of incomplete combustion |
| Extinguishing Media: | Foam, water spray/fog, dry chemical powder, carbon dioxide, sand/earth |
| Special Firefighting Procedures: | Full protective gear and self contained breathing apparatus recommended |
| Unusual Fire and Explosion Hazards: | Vapor is heavier than air and may creep along the ground finding distant ignition |

Section 6: Accidental Release Measures

General: Clear all non-essential personnel from spill area. If indoors ventilate the area. Remove all sources of ignition. Provide cleanup personnel with proper protective equipment such as gloves, eyewear, protective clothing and breathing equipment as required.

Cleanup of Small Spills: Dike or impound material to prevent spreading and prevent further spillage if possible. Cover spill with appropriate absorbent material. Collect material in appropriate container or vessel. Remove containers to safe area and cover to await reclamation or disposal. Area may be rinsed with water but do not allow it to be flushed into sewers or natural waterways.

Cleanup of Large Spills: Contain material as above and contact local fire or police department for immediate emergency response.

Section 7: Handling and Storage

Safe Storage Considerations: Store in cool, dry, ventilated conditions. Do not allow material to freeze. Keep away from points of ignition and avoid excessive heat. Keep containers tightly sealed when not in use.

Safe Handling Considerations: Use proper workplace hygiene practices. Keep work areas clear and uncluttered. Use personal protective equipment when required as specified in Section 8.

Section 8: Exposure Controls/Personal Protection

| No. | Hazardous Component | OSHA PEL (TWA) | ACGIH TLV (TWA) |
|-----|---|---|-----------------|
| 1 | Naphtha (Petroleum) Heavy Alkylate | NE | NE |
| 2 | Odorized Tracer Additive | NE | NE |
| 3 | | | |
| 4 | | | |
| 5 | Stoddard Solvent in the absence of occupational exposure standards it is recommended these are adopted | OSHA Z1A 525 mg/m 100 ppm ³ | 100 ppm |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |

Respiratory Protection: If necessary use a NIOSH approved air purifying respirator appropriate to keep breathing air below the acknowledged exposure limits.

Skin Protection: Wear chemical resistant clothing such as gloves, apron, boots or full coverage suits as appropriate.

Eye Protection: Full coverage safety glasses; chemical goggles or full-face shield may be substituted. Contact lenses should not be worn.

Eye Wash & Shower Station Requirements: Should be locally accessible and properly maintained.

Other Protective Equipment (glove box, ventilation, etc.): Sufficient local exhaust and ventilation as required to keep airborne concentrations safely below the acknowledged exposure limits.

Section 9: Physical and Chemical Characteristics

| | | | |
|--|--|---|------------------------------------|
| Boiling Point (°C): | 175-195. °C | Specific Gravity: | 0.758 @ 15.6 °C |
| Vapor Pressure: | .2 mmHg @ 20 °C | Melting Point: | |
| Vapor Density:(Air = 1) | 5.3 | Evaporation Rate:(Butyl Acetate=1) | 0.1 |
| Solubility in Water: | .05 g/l (Negligible) | pH: | ND |
| Freezing Point | ND | Flash Point (°C): | 51 °C |
| Coefficient of Oil/ Water Distribution: | NE | Conditions of Flammability: | ND |
| Odor Threshold: | NE | Autoignition Temperature (°C): | 347.8 °C |
| Physical State: | Liquid | Explosion Limits: vol.% in air | LEL: 0.6 UEL: 7.0 |
| Appearance: (odor, color, etc.) | Colorless with slight hydrocarbon odor | VOC Content (g/l): | 100% |

Section 10: Stability/Reactivity

Chemical Stability: ☒ Stable under normal conditions ☐ Unstable

Conditions to Avoid: Heat, sparks open flame or other points of ignition

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition Products: Under conditions of combustion, thermal degradation or oxidative degradation a complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide, and other organic will be evolved.

Hazardous Polymerization (reactivity): ☐ Will Occur ☒ Will Not Occur

Section 11: Toxicological Information

Acute and Chronic Toxicity: Data may exist for ingredients previously listed but may or may not apply to this product for amounts contained as a percentage of weight or volume. It is advised that information sources for individual ingredients be consulted for accurate and precise data.

Listed as Carcinogen/Potential Carcinogen: This product is not known to be carcinogenic, however some ingredients may be listed by one or more of the agencies below as shown.

NTP (National Toxicology Program): Not listed

OSHA (Occupational Health & Safety Administration): Not listed

IARC (International Agency for Research on Cancer): Not listed

Reproductive Effects: None Known

Developmental Effects: None Known

Section 12: Ecological Information

Ecotoxicity (effects on plants and animals): Expected to have low toxicity on aquatic life EC/IC/LC50 >1000mg/l

Environmental Fate of Material: Absorbs to soil and has low mobility. Floats on water, and is expected to not be inherently not biodegradable. Has a potential to be bioaccumulative.

Section 13: Disposal Considerations

Appropriate Waste Disposal Methods: Consult your local, state or provincial and federal regulations before disposing of any chemicals. Dispose of in accordance with all applicable regulations with regard to precedence.

Section 14: Transport Information**U.S. Department of Transportation (US DOT)**

- **Proper Shipping Name:** Petroleum Distillates, n.o.s.
- **Hazard Class:** 3
- **UN Number:** UN 1268
- **Packing Group:** III

TDG (Canadian Ground): See US DOT

IMDG (Water): See US DOT

ICAO (Air): See US DOT

Section 15: Regulatory Information**GLOBAL INVENTORIES**

TSCA (USA; Toxic Substance Control Act): Naphtha (Petroleum) Heavy Alkylate CAS# 64741-65-7

DSL (Canada; Domestic Substance List): Naphtha (Petroleum) Heavy Alkylate CAS# 64741-65-7

NDSL (Canada; Non-Domestic Substance List): Not Listed

ECL (Korea; Established Chemicals List): Naphtha (Petroleum) Heavy Alkylate, KE-18190

PICCS (Philippines): Naphtha (Petroleum) Heavy Alkylate CAS# 64741-65-7

ENCS (Japan; Established and New Chemicals List):

IECS (China): Naphtha (Petroleum) Heavy Alkylate CAS# 64741-65-7

EINECS (European Inventory of Existing Commercial Chemical Products): Naphtha (Petroleum) Heavy Alkylate 265-067-2

SARA Title III (Superfund Amendments & Reauthorization Act)

- **§313:** Not a Toxic Chemical
- **§§311/312:** Delayed (Chronic) Health Hazard
- **§302:** Not Extremely Hazardous

California Proposition 65 (Known to the State of California to cause cancer, birth defects, or other reproductive harm):
NONE

WHMIS (Canadian Workplace Hazardous Material Information System): Unclassified; (Stoddard Solvent; D2B, B3)

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Section 16: Supplemental Information**NFPA (National Fire Protection Agency) 704:**

0 = Minimal Hazard
1 = Slight Hazard
2 = Moderate Hazard

3 = Severe Hazard
4 = Extreme Hazard

Health: 1 Fire: 2 Reactivity: 0

Disclaimer

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations and orders.