



Revision Number: 001.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b> Tacky Flux MP200	<b>IDH number:</b> 519430
<b>Product type:</b> Rework flux	<b>Item number:</b> M00449
	<b>Region:</b> United States
<b>Company address:</b> Henkel Corporation 15350 Barranca Parkway Irvine, CA 92618	<b>Contact information:</b> Telephone: 1.888.9.HENKEL (1.888.943.6535) Emergency telephone: 860.571.5100 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b> Paste	<b>HEALTH:</b> *2
<b>Color:</b> Light brown	<b>FLAMMABILITY:</b> 1
<b>Odor:</b> Pine	<b>PHYSICAL HAZARD:</b> 0
	<b>Personal Protection:</b> See MSDS Section 8

**CAUTION:** MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

**Potential Health Effects**

**Inhalation:** Fumes may be irritating and may cause an allergic respiratory reaction. Fumes and/or dust produced by this product may be hazardous in case of ingestion or inhalation. Rosin thermal decomposition product (as formaldehyde) is classified by NIOSH as a potential occupational carcinogen.

**Skin contact:** Moderate skin irritation.

**Eye contact:** Contact with eyes will cause irritation. May cause eye injury.

**Ingestion:** Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

**Existing conditions aggravated by exposure:** Respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Colophony hydrogenated	65997-06-0	10 - 30
Rosin	8050-09-7	5 - 10
Salicylic acid	69-72-7	1 - 5

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

**Skin contact:** Wash with soap and water. If skin irritation persists, call a physician.

**Eye contact:** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

**Ingestion:** Do not induce vomiting. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash point:** 93 °C (199.4 °F)

**Autoignition temperature:** 202 °C (395.6 °F)

**Flammable/Explosive limits - lower:** Not available

**Flammable/Explosive limits - upper:** Not available

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Wear a self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode.

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Thermal decomposition can lead to release of irritating gases and vapors.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Scrape up as much material as possible. Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

**Handling:** Use only in area provided with appropriate exhaust ventilation.

**Storage:** Keep container closed. Keep in a cool, well ventilated area. Store away from heat, sparks, flames, or other sources of ignition.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Colophony hydrogenated	None	None	None	None
Rosin	Included in the regulation but with no data values. See regulation for further details. Exposure by all routes should be carefully controlled to levels as low as possible. (Sensitizer.)	None	None	None
Salicylic acid	None	None	None	None

<b>Engineering controls:</b>	Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.
<b>Respiratory protection:</b>	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.
<b>Skin protection:</b>	Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Color:</b>	Light brown
<b>Odor:</b>	Pine
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not determined
<b>Vapor pressure:</b>	Not determined
<b>Boiling point/range:</b>	210 - 256 °C (410°F - 492.8 °F)
<b>Melting point/ range:</b>	Not determined
<b>Specific gravity:</b>	0.815
<b>Vapor density:</b>	Heavier than air.
<b>Flash point:</b>	93 °C (199.4 °F)
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Autoignition temperature:</b>	202 °C (395.6 °F)
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>VOC content:</b>	50 %; 408 g/l

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Incompatible materials:</b>	Incompatible with oxidising agents.
<b>Conditions to avoid:</b>	Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Colophony hydrogenated	No	No	No
Rosin	No	No	No
Salicylic acid	No	No	No

Hazardous components	Health Effects/Target Organs
Colophony hydrogenated	No Records
Rosin	Respiratory, Irritant, Allergen
Salicylic acid	Irritant

## 12. ECOLOGICAL INFORMATION

**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:**

Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

## 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

## 15. REGULATORY INFORMATION

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12(b) Export Notification:** None above reporting de minimus  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimus  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA 313:** None above reporting de minimus  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information**

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.  
**WHMIS hazard class:** D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

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