

Flex Crax HD

Issue Date: 06/15

N.F.P.A. & H.M.I.S.RATING

HAZARD INDI	HAZARD CLASS		
4 = Severe	Flammability		
3 = Serious	1		
2 = Moderate	Health	Reactivity	
1 = Slight	2	0	
0 = Minimal	Water Pollution		
	0		

SECTION I - PRODUCT IDENTIFICATION

Product Name: Flex Crax HD
Manufacturer: RW Materials
 305 Short Street
 Pomona CA
 91768
Information Contact: RW Materials (909) 469-2007

SECTION II - HAZARDOUS INGREDIENTS

	CAS #	ACGIH TLV	OTHER LIMITS	PERCENT
Petroleum Asphalt	8052-42-4	5 mg/m ³		>=10.0-<=75.0%
Petroleum Distillate	64741-96-4	10 mg/m ³		>= 0.0-<=10.0%
Mineral Filler	1317-65-3	10 mg/m ³		>=15.0-<=75.0%
Styrene-Butadiene Copolymer	9003-55-8	10 mg/m ³		>= 5.0-<=20.0%
Vulcanized,Ground Rubber	N/A	N/E		>= 5.0-<=30.0%
Styrene-Isoprene Copolymer	25038-32-8	10 mg/m ³		>= 5.0-<=10.0%
Polyester Fibers	25038-59-9	N/E		>= 1.0-<= 8.0%

SECTION III - PHYSICAL CHEMICAL CHARACTERISTICS

Appearance: Black/Dark Brown Solid	Odour: Petroleum
Boiling Point: >750°F	pH Level: N/A
Vapor Pressure: Not Determined	Evaporation (Butyl Acetate = 1); <1
Vapor Density (Air = 1): Not Determined	Water Solubility: Negligible
Specific Gravity (H ₂ O=1): 1.10 - 1.30	

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RW Materials: RW306R / RW306RH / RW306P / RW306PH / RW306PLG / RW306CS

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point: (COC): >450°F

Autoignition Temperature: >700°F

Extinguishing Media: Carbon Dioxide, Dry Chemical or Foam.

Special Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. To extinguish these products use ,Carbon Dioxide, Dry Chemical or Foam. Use breathing apparatus in enclosed areas where there is heavy smoke.

Unusual Fire and Explosion Hazards: This material may ignite when sufficient heat is applied. Upon burning, this product will generate dense black smoke.

Hazardous Combustion Products: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and / or irritating compounds. Combustion products may include and are not limited to: Carbone dioxide, Carbon monoxide, Sulfur dioxide and Hydrogen sulfide. Dense smoke.

SECTION V - REACTIVITY DATA

Stability/ Stable

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Thermal Decomposition: Decomposition products depend upon temperature, air supply and the presence of other materials.

SECTION VI - HEALTH HAZARD DATA

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

Potential Health Effects

Inhalation: Inhalation of fumes or vapors can produce irritation of mucous membranes and upper respiratory tract. May cause nausea, dizziness and headaches if prolonged exposure to hot asphalt fumes .

Skin Contact:Direct contact with hot material will cause thermal burns.Prolonged exposure may cause dermatitis,drying or irritation.

Ingestion: Irritating to mucous membranes and gastrointestinal tract. May cause thermal burns as well as nausea,vomiting and diarrhea. Aspiration of material into lungs may produce pulmonary edema and chemical pneumonitis.

Eye Contact: Direct contact with hot material will cause thermal burns, and exposure to vapors and fumes may cause irritation.

First-aid Measures:

Eye Contact: If hot material should splash into the eyes, flush eyes immediately with large amounts of water for at least 15 minutes with eye lids open. DO NOT attempt to remove cooled material. Get immediate medical attention.

Skin Contact: If hot material comes into contact with skin quickly cool in cold water or ice for at least 15 minutes. DO NOT try to peel the material from the skin or use solvents to dissolve. Only vegetable or mineral oils are recommended for the removal of material from skin. Get medical attention.

Inhalation: Move person to fresh air; Seek medical attention if irritation develops or if breathing becomes difficult.

If breathing has stopped, apply artificial resuscitation. Call a Doctor.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Shut off ignition and source of leak only if safe to do so.

Dike and contain using soil, sand or other suitable material. Allow the material to cool and scrap up and place in suitable containers.

Waste Disposal Method: This material is not a hazardous waste as defined in RCRA.

Dispose of in accordance with local, state and federal regulations.

Precautions to be taken in Handling and Storage: Unheated material presents no known hazards.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Use ventilation as required to control vapor concentrations. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

Ventilation: Good general ventilation should be sufficient for most conditions.

Protective Gloves: Use gloves that protect against thermal burns.

Eye Protection: Wear safety goggles or face shields to prevent eye contact.

Other Protection Clothing or Equipment: Wear long sleeved cotton shirts, buttoned at the collar and full length cotton pants and safety boots.

Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking or washroom.

SECTION IX - DOT DATA

Cold Material (Solid)

Shipping Name: Not a Regulated Material
Hazard Class: Non- Hazard
ID No: N/A
Packaging Group: N/A
Label: N/A
Placards Required: N/A

Hot Material (Liquid)

Elevated Temperature Liquid N.O.S.
9
N/A
PGIII
Class 9
"HOT" UN3257

SECTION X - REGULATORY INFORMATION

U.S. Federal Regulatory Information:

RCRA Hazardous Waste Classification (40 CFR 261): This material should not be hazardous due to characteristics.

RCRA Hazardous Waste Classification Number: No listing.

CERCLA: No listing

CERCLA: Reportable Quantity(RQ): This material in it's solid form is not a hazardous substance and does not have a reportable quantity. However, if spilled in liquid form into the waters of the U.S., it may be reportable under the Clean Water Act.

SARA Title III: Sections 311

Immediate (Acute) Health Hazard	yes	(Heated)
Delayed (Chronic) Health Hazard	yes	(Heated)
Fire Hazard	No	
Reactive Hazard	No	
Sudden Release of Pressure Hazard	No	

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SECTION X - REGULATORY INFORMATION

State Regulations: The following chemicals are know to be specifically listed by individual states, for details on each states regulatory requirements you should contact the appropriate agency in that state.

Pennsylvania Right-to-Know (Asphalt fumes)

Rhode Island Hazardous Substances List (Asphalt fumes)

Florida Hazardous Substances List (Asphalt fumes)

Minnesota Right-to-Know (Asphalt fumes)

Massachusetts Right-to-Know (Asphalt fumes) mineral oil, petroleum distillates including heavy naphthenics.

New Jersey Right-to-Know (Asphalt fumes)

Texas Air Contaminants Screening Level

Illinois Toxic Substance Disclosure to Employees List

California State Superfund Hazardous Substance

California Proposition 65 Carcinogens or Reproductive Toxins List: Asphalt fumes or distillates

SECTION XI - OTHER INFORMATION

Comments: This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this datasheet, which we received from sources outside our company. We believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of this product in a manner that might infringe existing patents. No warranty is made expressed or implied.

Legend

ACGIH - American Conference of Governmental Hygienists	NTP - National Toxicology Program
CAS (#) - Chemical Abstracts Service	OSHA - Occupational safety and Health Administration
CERCLA - Comprehensive Environmental Response Compensation and liability Act	PEL - Permissible Exposure Limit
DOT - Department of Transport	RCRA - Resource Conservation and Recovery Act
DSL - Domestic Substance List	SASR - Superfund Amendments and Reauthorization Act
EPA - Environmental Protection Agency	STEL - Short term exposure Limit
HMIS - Hazardous Material Information Systems	TLV - Threshold Limit Value
IARC - International Agency for research on Cancer	TSCA - Toxic Substances Control Act
MPPCF - Million Particle per Cubic Foot	TWA - Time Weighted Average
NFPA - National Fire Protection Agency	VOC - Volatile Organic Compound
NOSH - National Institute for Occupational safety and Health	WHIMS - Workplace Hazardous materials Information System