

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PELLET-DIP HMA Tradename of RubiChem Formulated Coatings	CHEMICAL NAME: Modified silicates.
SYNONYMS: Water dispersible anti-tack.	CHEMICAL FAMILY: Mixture.
MANUFACTURER: RubiChem, Inc.	CHEMICAL FORMULA: Mixture.
DIVISION: RubiChem Formulated Coatings	PRODUCT USE: Water dispersible antitack.
ADDRESS: 94 Industrial Road Saco, Maine 04072	
EMERGENCY PHONE: (207) 282-0970	
CHEMTREC PHONE: (800) 424-9300	
	COMPANY FAX: (207) 282-0599



SECTION 2: COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENT: Mixture. No single CAS number is applicable.

<u>CAS Number</u>	<u>Material</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
No Single CAS number applicable	Modified silicates	45 – 47	No.
7732-18-5	Water	53 – 55	No.
	<u>ppm</u>	<u>Mg/m³</u>	
OSHA PEL-TWA:	N/A		
OSHA PEL STEL:	N/A		
OSHA PEL CEILING:	N/A		
ACGIH TLV TWA:	N/A		
ACGIH TLV STEL:	N/A		
ACGIH TVL CEILING:	N/A		

SECTION 2 NOTES:

SECTION 3: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: No hazardous ingredients.

ROUTES OF ENTRY

POTENTIAL HEALTH EFFECTS

EYES: In case of contact wash exposed area with copious amounts of water. Get medical attention if necessary.

SKIN: Wash exposed area with soap and water. Get medical attention if irritation develops.

INGESTION: Drink several glasses of water to dilute. Get medical advice.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

ACUTE HEALTH HAZARDS: None.

CHRONIC HEALTH HAZARDS: None.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, impaired respiratory function, or a history of pulmonary disease should exercise caution when using this or any other chemical material.

CARCINOGENICITY

OSHA: N/A **ACGIH:** N/A **NTP:** N/A **IARC:** N/A **OTHER:**

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: In case of contact wash exposed area with copious amounts of water. Get medical attention if necessary.
SKIN: Wash exposed area with soap and water. Get medical attention if irritation develops.
INGESTION: Drink several glasses of water to dilute. Get medical advice.
INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

NOTES TO PHYSICIAN OR FIRST AID PROVIDERS:
SECTION 4 NOTES:
SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A – Product is a water dispersion.

FLAMMABLE LIMITS IN AIR, LOWER: N/A – Product is a water dispersion.

FLASH POINT

FAHRENHEIT: N/A – Water dispersion

CELSIUS: N/A – Water dispersion.

AUTOIGNITION TEMPERATURE

FAHRENHEIT: N/A – Water dispersion.

CELSIUS: N/A – Water dispersion.

<u>NFPA HAZARD CLASSIFICATION</u>				<u>HIMIS HAZARD CLASSIFICATION</u>			
<u>HEALTH</u>	<u>FLAMMABILITY</u>	<u>REACTIVITY</u>	<u>OTHER</u>	<u>HEALTH</u>	<u>FLAMMABILITY</u>	<u>REACTIVITY</u>	<u>PROTECTION</u>
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EXTINGUISHING MEDIA: Water spray, dry chemical, alcohol foam or carbon dioxide. Use of foam may cause frothing.

SPECIAL FIRE-FIGHTING PROCEDURES: N/A.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

HAZARDOUS DECOMPOSITION HAZARDS: CO².

SECTION 5 NOTES:
SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Area of spill may be very slippery. Use appropriate safety equipment. Use of absorbent material may be required to collect and contain spill for recovery and disposal. Contain large spills and pump or pick up spill and place in a suitable container. Wash area with suitable detergent and thoroughly rinse.

SECTION 6 NOTES:
SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: As with any chemical, product should be stored in a cool, dry ventilated area. Protect against physical damage. Product is freeze / thaw stable. If frozen allow to reach room temperature and mix. RubiChem Formulated Coatings recommends using the product within one year of the date of manufacture. Close original container when not in use.

OTHER PRECAUTIONS: As with all dispersions mix well before using.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS**

VENTILATION: N/A – Product is a water dispersion.

RESPIRATORY PROTECTION: N/A – Product is a water dispersion.

EYE PROTECTION: Wearing safety goggles is advised when working with this or any other chemical material.

SKIN PROTECTION: As with all chemicals wash skin with soap and water in case of contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A.

WORK HYGIENIC PRACTICES: N/A.

EXPOSURE GUIDELINES: N/A

OTHER PRECAUTIONS: N/A.

SECTION 8 NOTES:**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Tan.	SPECIFIC GRAVITY (H₂O=1):	1.00 +/- 0.1 @ 20°C
ODOR:	Characteristic odor.	EVAPORATION RATE:	N/A.
PHYSICAL STATE:	Water-based slurry.	SOLUBILITY IN WATER:	Product is a water dispersion.
pH As supplied:	8 – 12.	% SOLIDS BY WEIGHT:	46 ± 1.
pH Other:	N/A.	% VOLATILE BY WT / VOL:	N/A.
BOILING POINT:	N/A.	VOLITILE ORGANIC COMPOUNDS:	None.
MELTING POINT:	N/A.	MOLECULAR WEIGHT:	N/A.
FREEZING POINT:	N/A.	VISCOSITY:	N/A.
VAPOR PRESSURE (mm Hg):	N/A.		
VAPOR DENSITY (Air=1):	N/A.		

SECTION 9 NOTES:**SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): None.

INCOMPATIBILITY (MATERIAL(S) TO AVOID): Oxidizing agents.

HAZARDOUS DECOMPOSITION BY-PRODUCTS: CO₂, H₂O.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (Polymerization): None.

SECTION 10 NOTES:**SECTION 11: STABILITY AND REACTIVITY**

TOXICOLOGY INFORMATION: Product is non-hazardous.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Product is non-hazardous.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local and Federal regulations.

RCRA HAZARDOUS CLASS: Non-hazardous.

SECTION 13 NOTES: Dispose of according to local and Federal regulations concerning non-hazardous industrial waste.

SECTION 14: TRANSPORTATION INFORMATION

US DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Water dispersable anti-tack.
HAZARDOUS CLASS: 55 Non-hazardous.
ID NUMBER: N/A.
PACKING GROUP: PG III.
LABEL STATEMENT: Non-hazardous.

SECTION 14 NOTES:

SECTION 15: REGULATION INFORMATION

US FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Listed.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT): No.
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No.
311/312 HAZARD CATEGORIES: None.
313 REPORTABLE INGREDIENTS: None.

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: N/A

PREPARATION INFORMATION: N/A

DISCLAIMER: RubiChem Formulated Coatings makes no warranty that any information presented, or the products sold hereunder are merchantable, or fit for any purpose, nor are there any other warranties either expressed or implied by operation of law or otherwise. The only liability of RubiChem Formulated Coatings for products not conforming to their specifications, if any, shall be replacement thereof at no cost. Notwithstanding anything herein to the contrary, under no circumstances whether arising or claimed in contract, tort (including negligence), equity or otherwise, shall RubiChem Formulated Coatings, its officers, employees or agents be liable or responsible for special, indirect, incidental or consequential damages.

SECTION 16 NOTES: