

Revised
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MATERIAL SAFETY DATA SHEETS

MP 5209

HMIS;	HEALTH	2	FLAMMABILITY	1	REACTIVITY	1
NFPA	HEALTH	2	FIRE HAZARD	1	REACTIVITY	1

11. GENERAL INFORMATION

PRODUCT NAME: MP 5209
TECHINCAL NAME: Reactive acrylic activator

22. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT Percent
		OSHA PEL	AGGIH TLV	OTHER		
Condensation product of buty-aldehyde and aniline	62-53-3	5 ppm	2 ppm		9 mm Hg@85 °C	40-60
Gamma-methacryloxy- propyltrimethoxysilane	2530-85-0	Not estab.	Not estab.		20 C less than 1	< 1
Related Silane esters		Not estab.	Not estab.		20 C less than 1	< 1
Cu Carboxylate consisting of CU Naphthenate CU Neodecanoate	1338-02-9 50315-14-5	1 mg/m3	Not estab.			< 1
Tetraoxatetradeca	765-12-8					40-60

Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

33. PHYSICAL/CHEMICAL INFORMATION

BOILING POINT: N/A	SPECIFIC GRAVITY (H2O=1):0.98
EVAPORATION RATE:NOT ESTABLISHED	PHYSICAL STATE: LIQUID
VAPOR PRESSURE:9 MM hg @ 85 DEGREES	PH:N/A
VAPOR DENSITY:	COLOR:DARK AMBER
% SOLIDS BY WEIGHT:100	ODOR:PUNGENT
MATERIAL V.O.C.: N/A	ODOR THRESHOLD:NOT ESTAB.
SOLUBILITY IN WATER: NEGLIGIBLE	WEIGHT PER GALLON: 8.2 LBS.
WATER/OIL PARTITION COEFFICIENT: NOT ESTABLISHED	

44. HEALTH HAZARD INFORMATION

Exposure Limits For Product: Not established.
For Aniline (0.2 to 0.3% contained in product) -

OSHA PEL/TWA:	5 ppm. 19 mg/cu m (skin)
FINAL RULE/TWA:	2 ppm. 8 mg/cu m (skin)
ACGIH TLV/TWA:	2 ppm. 7.6 mg/cu m (skin)

Effects of Overexposure:

Human health effects of overexposure may initially include eye irritation with discomfort, tearing or blurring of vision on contact.

Long-term (chronic) effects - For Product:

Oral ALD (rats): 1,000 mg/kg

Slightly toxic by ingestion (Oral LD50 500-5,000 mg/kg). The product is an eye irritant. Not a skin sensitizer in animals.

For Aniline:

Oral LD50 (rats): 250 mg/kg

NIOSH Alert, Dec. 1990, presents new epidemiologic evidence that associates aniline with an increased risk of bladder cancer.

Medical Conditions Generally Aggravated by Exposure: Unknown



55. FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: 255 °F TCC, 124 °C
UPPER EXPLOSIVE LIMIT/LOWER EXPLOSIVE LIMIT: N/A
AUTOIGNITION TEMPERATURE: N/A
APPROPRIATE EXTINGUISHERS: CARBON DIOXIDE, DRY CHEMICAL, CHEMICAL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: PERSONS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN

6. HANDLING AND USE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
WEAR RUBBER GLOVES. CONTAIN AND REMOVE WITH INERT ABSORBENT.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
WEAR APPROPRIATE PROTECTIVE EQUIPMENT WHEN WORKING WITH THIS PRODUCT AVOID SKIN CONTACT WITH PRODUCT AT ALL TIMES KEEP AWAY FROM HEAT, SPARKS AND FLAME AVOID BREATHING VAPORS USE ONLY WITH ADEQUATE VENTILATION AVOID CONTACT WITH EYES, SKIN AND CLOTHING WASH THOROUGHLY AFTER HANDLING
KEEP CONTAINER CLOSED EMPTIED CONTAINER RETAINS VAPOR AND PRODUCT RESIDUE
OBSERVE ALL LABELED PRECAUTIONS UNTIL CONTAINER IS CLEANED DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER
AVOID STORAGE TEMPERATURES GREATER THAN 90 °F (32 °C).

7. CONTROL INFORMATION

RESPIRATORY PROTECTION:
Use NIOSH/MSHA approved equipment - organic vapor respirators when airborne exposure limits are exceeded.

VENTILATION: General dilution ventilation.

SKIN PROTECTION:
Prevent contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION: Safety glasses.

8. STABILITY AND REACTIVITY INFORMATION

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizing agents and acids.
HAZARDOUS DECOMPOSITION: Hydrogen chloride, phosgene
HAZARDOUS POLYMERIZATION: Will not occur 7

9. TOXICOLOGICAL INFORMATION

See Health Hazard

10. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

11. TRANSPORTATION INFORMATION

UNITED STATES DEPARTMENT OF TRANSPORTATION (DOT)
DOT Proper Shipping Name: ACTIVATOR
DOT HAZARD CLASS/I.D.CODE: Not Regulated
DOT LABEL: Not Regulated
DOT PACKAGING GROUP:

12. DISPOSAL INFORMATION

Not classified as a RCRA hazardous waste.
Dispose of according to applicable environmental regulations.

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com