

ASENSA PR 220, 25 KG, D

Version 1

Revision Date 12/18/2007

Print Date 09/04/2008

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Asensa® PR 220
MSDS Number : 000000012400
Product Use Description : Personal care

Company : Honeywell International, Inc.
101 Columbia Road
Morristown, NJ 07962-1057

For more information call : 800-707-4555
(Monday-Friday, 9:00am-5:00pm)

In case of emergency call : Medical: 1-800-498-5701
: Transportation: 1-800-424-9300 or 703-527-3887
: (24 hours/day, 7 days/week)

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Form : Wax like solid

Color : white

Odor : characteristic

Hazard Summary : Static charges on powders or powders in liquids may ignite combustible atmospheres. Accumulations of dust from this product in the workplace may increase the likelihood or severity of an explosion. Product dust may be irritating to eyes, skin and respiratory system. Vapour during processing may be irritating to the respiratory tract and to the eyes. The molten product can cause serious burns.

Potential Health Effects

Skin : May cause mechanical irritation.
The molten product can cause serious burns.

Eyes : May cause mechanical irritation.
Vapour during processing may be irritating to the respiratory tract and to the eyes.

Ingestion : Unlikely route of exposure.
No known effect.

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Inhalation : Vapour during processing may be irritating to the respiratory tract and to the eyes.

Chronic Exposure : None known.

Aggravated Medical Condition : None known.

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
Acetic acid ethenyl ester, copolymer with ethene	24937-78-8	50.00
Stearic acid	57-11-4	0.00 - 50.00
Palmitic acid	57-10-3	0.00 - 50.00
Fatty acids, C16-18	67701-03-5	0.00 - 50.00
Vinyl acetate	108-05-4	<=0.015

SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. Call a physician if irritation develops or persists.

Skin contact : Wash off with soap and water. Call a physician if irritation develops or persists. Cool skin rapidly with cold water after contact with molten material. Do not peel solidified product off the skin. Call a physician immediately.

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Call a physician if irritation develops or persists.

Ingestion : Unlikely route of exposure. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

Notes to physician

Treatment : Treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

- Flash point : no data available
- Lower explosion limit : not applicable
- Upper explosion limit : not applicable
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Dry chemical
Carbon dioxide (CO₂)
Foam
Do not use a solid water stream as it may scatter and spread fire.
- Specific hazards during fire fighting : Material can create slippery conditions.
Watch footing on floors and stairs because of possible spreading of molten material.
Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard.
Static charges on powders or powders in liquids may ignite combustible atmospheres.
Cool closed containers exposed to fire with water spray.
Do not allow run-off from fire fighting to enter drains or water courses.
In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide
Carbon dioxide (CO₂)
- Special protective equipment for fire-fighters : In the event of fire and/or explosion do not breathe fumes.
Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear personal protective equipment. Unprotected persons must be kept away.
Ensure adequate ventilation.
Contact with hot product will cause thermal burns.
- Environmental precautions : Should not be released into the environment.
Prevent product from entering drains.

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Methods for cleaning up : Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
Do not create a powder cloud by using a brush or compressed air.
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
For molten product:
Spilled material will solidify.
Allow to solidify.
Scrape up.
Shovel into suitable container for disposal.

SECTION 7. HANDLING AND STORAGE**Handling**

Handling : Wear personal protective equipment.
Avoid contact with skin and eyes.
Do not breathe dust.
Floors, walls and other surfaces must be regularly cleaned.
Keep away from fire, sparks and heated surfaces.
Take precautionary measures against static discharges.
Material can create slippery conditions.

Advice on protection against fire and explosion : All combustible solids have the potential to create a dust explosion hazard. The likelihood of an explosion can be dependent upon many factors, such as the explosive characteristics of the material, the design of the facility, and the manner in which the material is handled. A more detailed discussion can be found in NFPA Bulletin 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids."

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep away from heat and sources of ignition.
Keep away from direct sunlight.
Do not store together with:
Strong oxidizing agents
Amines

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Protective measures : Do not breathe vapours/dust.
Avoid contact with skin, eyes and clothing.
Ensure that eyewash stations and safety showers are close to the workstation location.
- Engineering measures : General room ventilation is adequate for storage and handling.
Provide exhaust ventilation if dust is formed.
Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.
- Eye protection : Wear as appropriate:
Safety glasses with side-shields
For molten product:
Goggles or face shield, giving complete protection to eyes
- Hand protection : When handling hot material, use heat resistant gloves.
- Skin and body protection : Wear heat protective clothing for handling hot material.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Wash hands before breaks and at the end of workday.
Remove and wash contaminated clothing before re-use.
Keep working clothes separately.

Exposure Guidelines

Stearic acid	57-11-4	ACGIH	TWA	10 mg/m3
		TX ESL	ST ESL	100 ug/m3
		TX ESL	AN ESL	10 ug/m3
Particulates Not Otherwise Regulated		ACGIH	TWA	10 mg/m3
		Form of exposure		Inhalable particles.
		ACGIH	TWA	3 mg/m3
		Form of exposure		Respirable particles.
		OSHA Z1	PEL	5 mg/m3
		Form of exposure		Respirable fraction.
All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates				

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Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.

OSHA Z1 PEL 15 mg/m3

Form of exposure Total dust.
All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.

OSHA Z1A TWA 5 mg/m3
Form of exposure Respirable fraction.

OSHA Z1A TWA 15 mg/m3
Form of exposure Total dust.

Z3 TWA 15 millions of particles per cubic foot of air
Form of exposure Respirable fraction.

Z3 TWA 50 millions of particles per cubic foot of air
Form of exposure Total dust.

Z3 TWA 5 mg/m3
Form of exposure Respirable fraction.

Z3 TWA 15 mg/m3
Form of exposure Total dust.

US CA OEL TWA PEL 10 mg/m3
Form of exposure Total dust.

US CA OEL TWA PEL 5 mg/m3
Form of exposure Respirable fraction.

Vinyl acetate	108-05-4	ACGIH	TWA	10 ppm		
		ACGIH	STEL	15 ppm		
		NIOSH	Ceil_Time	4 ppm	15 mg/m3	
		OSHA Z1A	TWA	10 ppm	30 mg/m3	
		OSHA Z1A	STEL	20 ppm	60 mg/m3	
		US CA OEL	TWA PEL	10 ppm	30 mg/m3	

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US CA OEL STEL 15 ppm 45 mg/m3

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Wax like solid

Color : white

Odor : characteristic

pH : no data available

Melting point/range : no data available

Boiling point/boiling range : no data available

Vapor pressure : no data available

Water solubility : no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.
Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
Avoid exposure to temperatures exceeding recommended processing conditions. Honeywell should be contacted if questions arise concerning specific processing conditions.

Materials to avoid : Strong oxidizing agents
Amines

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide
Carbon dioxide (CO₂)

Hazardous reactions : Hazardous polymerisation does not occur.
Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

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Additional advice : There is no data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : We have no quantitative data concerning the ecological effects of this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Information: Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of according to all federal, state and local applicable regulations.

Other Disposal Considerations: Observe all Federal, State, and Local Environmental regulations.

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

SECTION 14. TRANSPORT INFORMATION

DOT Not dangerous goods

TDG Not dangerous goods

IATA Not dangerous goods

IMDG Not dangerous goods

SECTION 15. REGULATORY INFORMATION**Inventories**

US. Toxic Substances Control Act : On or in compliance with the inventory

Australia. Industrial Chemical (Notification and Assessment) Act : On or in compliance with the inventory

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Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133) : On or in compliance with the inventory

Korea. Toxic Chemical Control Law (TCCL) List : On or in compliance with the inventory

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act : On or in compliance with the inventory

China. Inventory of Existing Chemical Substances : On or in compliance with the inventory

EU. EINECS : Product falls under the EU-polymer definition.

Japan. Kashin-Hou Law List : On or in compliance with the inventory

National regulatory information

SARA 302 Components : Vinyl acetate 108-05-4

SARA 311/312 Hazards : No SARA Hazards

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Massachusetts RTK : Vinyl acetate 108-05-4

WHMIS Classification : Not Rated

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SECTION 16. OTHER INFORMATION

	HMIS III	NFPA
Health Hazard	: 0	0
Flammability	: 1	1
Physical Hazard	: 0	
Instability	:	0