SECCO POWER DESICCANT

Section 1: Chemical Product and Company Identification

Product Identification : Humidity Absorbent

Distributor & Manufacturer : HCSP Co., Ltd

Address : 81A, 8th, Linh Trung Ward, Thu Duc District,

Ho Chi Minh City, Viet Nam

Phone/Fax : +841237978639

Trade Name : Secco Power Desiccant

Chemical Family : Salt, Polyester, Polyethylene, Starch

Section 2: Composition/ Information of Ingredients

Chemical Name	CAS #
Polyester bag, Polyethylene Bag	9002-88-4
Calcium Chloride	10043-52-4
Modified Starch	9005-25-8
Activated Carbon	7440-44-0
Carbonate Salt	144-55-8
Nonwoven fabric	9007-88-4

Section 3: Hazard Identification

Physical state : package powder desiccant, changes to gel when saturated.

General Health Effect : No health hazard in normal industrial use. However, health hazards do exist as a result of the dust generated if the container is cut, split or otherwise compromised. Prolonged or

	excessive exposure to dust may cause lung damage. Dust can be irritating to eyes and skin.
Potential Health Effect	: This material is normally packaged and contained in a bag and wrapped by plastic. If the plastic and bag are opened, prolonged or repeated inhalation of the dust may cause irritating to respiratory tracts.
Carcinogenic information	: none of the components present in this material at concentration is equal to or greater than 0.1% as listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Section 4: First Aid Measures

Eye Contact	: mechanical irritation-remove particle. Seek medical help if irritation persists.
Skin contact	: wash skin with water and soap
Ingestion	: normally not needed. If large quantities are ingested, seek medical advice.
Inhalation	: remove immediately to fresh air. Seek medical attention if cough or other symptoms develop or persist.
In case of inhalation	: in case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove the effected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
In case of skin contact	: for hot product (molten product), immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Use soap if necessary. Seek medical attention if

effects persist. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing

Section 5: Fire Fighting Measures

Flash point (method)	: N/A (above 600°F, estimated)
Auto ignition temperature	: N/A (> 600°F estimated)
Explosive	: N/A
Lower explosion limit	: N/A
Upper explosion limit	: N/A
Flammability class	: N/A
Extinguishing media	: Use extinguishing agent applicable to surrounding fire Use water fog, foam, dry chemical or CO2
Hazardous combustion	: N/A
Hazardous Decomposition	: Carbon Monoxide, Carbon Dioxide
Incompatibility	: Avoid excessive heat, avoid strong oxidizers, caustics and Fluorines.
Unusual fire and explosion hazard	: Treat as soil that can burn. Molded part generally burns with a low smoke density and dripping flame.
Fire-fighting instructions/equipment	: As in any fire, wear self-contained breathing apparatus operated by pressure-demand mode and full protective gear.
Special Fire Fighting	: Standard procedures for Class A fires.

Material will not burn unless preheated. Do not enter confined fire area without full bunker gear (helmet with face shield, bunker coats, gloves rubber boats), respiratory (including positive pressure NIOSH/MSHA approved self-container breathing apparatus) and eye protection required for fired fighting personnel. Use water spray to cool exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Extinguish the fire by cooling with water spray.

Section 6: Accidental Release Measures

Safeguards (Personnel)	: Do not inhale if conditions are dusty and use appropriate gloves.
Spill clean up	: Collect in suitable containers for recovery or disposal.
Containment produces	: Pick up large pieces. Flush residual with plenty of water.

Section 7: Accidental Release Measures

Handling : Use of proper hygiene practices when handling product in workplace. Wash hands after handling and before eating. Keep away from the eyes.

Storage : Store in dry area and do not open outer plastic bag before use as it will become activate. Do not store near flame, or heat or strong oxidants such as hot or concentrated nitric acid or fuming sulfuric acid.

Section 8: Exposure Controls/ Personal Protection

Personal Protective Equipment

Eye/face : None needed during normal use and handling

Respirator : None needed during normal use and handling

Protective gloves : None needed during normal use and handling

Exposure Guidelines

Applicable Exposure Limits : OSHA HAZARDOUS COMPONENTS

Section 9: Physical and Chemical Properties

Physical Data

Boiling point	: N/A	Specific gravity	: N/A
Melting point	: N/A	Vapor Density (AIR=1)	: N/A
Solubility	: Insoluble		
Odor	: Odorless		
Form	: Bag		

Section 10: Stability and Reactivity

Chemical Stability : Stable

Polymerization : Polymerization will not occur

Incompatibility : Strong oxidizing agents, fluorine

Section 11: Toxicological Information

Carcinogenicity : N/A NTP : N/A

Sensitization : Not sensitizing

Acute toxicity : None identified

Section 12: Ecological Information

Ecotoxicology Information

Non-toxic-insoluble

This material is part of mineral origin. It is biodegradable.

Section 13: Disposal Consideration

Waste Disposal : cut open the bag , empty the contents into suitable containers and dispose of the contents as organic waste. The polyethylene and polypropylene bag is recyclable but maybe disposed of as industrial waste by an approved contractor.

Section 14: Transportation Information

Shipping Information

DOT Shipping Name: This product is not classified as hazardous for transportation, by air, sea and road freight.

Section 15: Regulatory Information

IKEA Specification IOS-MAT-0010 On Total Lead Content :Pass

IKEA Specification IOS-MAT-0010 On Total Cadmium Content : Pass

IKEA Specification IOS-MAT-0010 On Organo Tin Content : Pass

U.S. 21 CFR F.D.A. Regulation Part 177.1520 Clause 3.1a And 3.1b for Olefin Copolymer : Pass

Polyester Bag(Polyethylene Bag):

SARA 311/312: This product is not classified as hazardous under SARA 311/312

None of this product's components are listed under SARA 302 (40 CFR 355 Appendix A), SARA section 313(40 CFR 372.65) or CERCLA (40 CFR 302.4)

Modified Starch:

WHMIS : Not controlled

Canadian Domestic Substance List (DSL) : On inventory

PE&PP Membrane:

There are two components in here. Both of them are Plastic. Both of them are recyclable so they can be put in the plastic waste only. It doesn't need to separate them.

If thermally decomposed, flammable/toxic gases may be released. Upon combustion with insufficient air, carbon monoxide and gaseous hydrocarbons may be generated.

Incinerating PE&PP Membrane requires temperatures about 30°C to produce smoke and combustible gases. Material will not burn unless preheated. Do not enter confined fire spa without full bunker gear(helmet with face shield, bunker coats, gloves rubber boats), respiratory(including positive pressure NIOSH approved self-container breathing apparatus) and eye protection required for fire fighting personnel. Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply to fire. Extinguish the fire by cooling with water spray.

Calcium Chloride:

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Fire : No; Pressure generating: No; Reactivity: No; Acute: Yes;

Chronic: No

311/312 hazard categories: does not meet any hazard categories

Title III Notes: This product contains no substances which are defined as toxic chemical under the reporting requirements of section 313 of Title III of Superfund Amendments And Reauthorization Act of 1986

Section 16: Other Information

Reason for issue : Annual review

Revised date : Feb 14, 2020

Revision # : All