SAFETY DATA SHEET

NASWEY Coating

Section 1. Identification

Product identifier	:	NASWEY Coating Part A
Product type	:	Liquid
Product use	:	Underwater Coating
Supplier	:	PodLee International LTD.
ADD	:	7400 S Miller Rd, Buckeye, AZ 85326, USA
EMERGENCY TELEPHONE NUMBER	:	+1 213 9868879

Section 2. Composition/information on ingredients

PART A

Ingredient name	:	CAS number	%
Epoxy resin	:	61788-97-4	30–50
Acrylic resin	:	9003-01-4	4.5–15
Titanium dioxide	:	1317-80-2	8–32
Basalt fiber powder	:	–	4.5–18
Barium sulfate	:	13462-86-	8.7–20
Cuprous oxide	:	1317-39-1	1–6
Basalt flakes	:	–	2–10
PMA	:	108-65-6	2.5–10

Section 3. Hazards identification

Classification of the substance or mixture : Not classified

GHS label elements

Hazard pictograms :

Signal word : Warning.

Hazard statements : PHYSICAL HAZARDS:
Not classified as a physical hazard under GHS criteria.
HEALTH HAZARDS:
Not classified as a physical hazard under GHS criteria.
ENVIRONMENTAL HAZARDS:
Not classified as a physical hazard under GHS criteria.

Precautionary statements

Prevention : Wear eye protection as required.
Wear full face-shield during thermal processing if contact with molten material is possible.

Wash hands thoroughly after handling.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention
IF SWALLOWED, Seek immediate medical attention.

Storage : Not applicable.

Disposal : Not applicable.

Other hazards : Defatting to the skin.

Section 4. First aid measures

Skin contact : Rinse with plenty of water and soap. Remove and isolate contaminated clothing and shoes. Keep the patient warm. If you feel skin irritation or a rash, please get medical aid.

Eye contact : Wash immediately with plenty of water. After the initial cleaning, remove the invisible eyes and continue cleaning for at least 15 minutes. Wash immediately with plenty of water. After the initial cleaning, remove the invisible eyes and continue cleaning for at least 15 minutes.

Inhalation : If remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

Ingestion : Normally not needed, if large quantities are ingested or if you feel unwell, please get medical attention.

Most important symptoms and effects, both acute and delayed : At processing temperatures, the combined ingredients (elastomer and other processing ingredients) may emit fumes and vapors that may cause irritation to the eyes. Processing operations may create vapors or fumes which may cause respiratory tract irritation.

Section 5. Firefighting measures

Hazardous Combustion Products : Heating decomposition products flammable gas.

Suitable extinguishing Media : Fog water, foam, dry powder

Extinguishing media to avoid : Use extinguishing media suitable for Class A fires (ordinary combustibles). Carbon dioxide is generally not recommended for use on Class A fires as a lack of cooling capacity may result in reignition.

Specific Hazards : Special precautions must be taken if this product is ground or otherwise formed into a fine powder or dust since many organic substances in these forms present a dust explosion hazard. Dust in sufficient quantities may be ignited in air. Minimize dust generation and accumulation. Minimize activities which will float or suspend particles in air. Protect from sources of ignition.
Toxic gases may be formed upon combustion and represent a

hazard to firefighters.

Special fire fighting : Wear fire-resistant clothing and air respirators in restricted spaces.

Protection of fire-fighters : Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and SCBA.

Section 6. Accidental release measures

Avoid contact with spilled or released materials. For guidance on the selection of personal protective equipment, see Chapter 8 of the safety data sheet. Please refer to Chapter 13 for disposal information. Please comply with all applicable local and international regulations.

Personal precautions : Wear long sleeves and gloves to prevent skin contact. Launder contaminated clothing before reuse. Wash thoroughly after handling.

Clean-up methods and materials and containment measures : As with all industrial chemicals, use of good chemical hygiene and environmental stewardship practices recommended. Do not walk through spilled material. Clean up spills immediately. Do not flush spill to drain without permission from the appropriate authority.

Regulatory Requirements : Follow applicable OSHA regulations (29CFR 1910.120).

Section 7. Handling and storage

Handling and Technical measures and Safe handling advice : Product will emit fumes and vapors when heated to processing temperatures. Use only with adequate ventilation. Do not breathe (dust, vapor or fumes). Wash thoroughly after handling. Do not eat, drink or smoke in processing areas. Clean up following normal processing must be performed with adequate ventilation. Elastomer may be held at process temperatures for a short time without significant thermal degradation. However, exposure to elevated temperatures or excessive time will result in decomposition. Equipment should not be shut down for extended time periods with compound in it or decomposition may occur. Processing fume condensates, which may include toxic contaminants, may be combustible and should be periodically removed from exhaust hoods, duct work, and other surfaces. Protective clothing and gloves should be worn during cleanup operations to prevent skin contact. Combustible dust clouds may be created where operations produce dust.

Minimize dust generation and accumulation, especially on horizontal surfaces and duct work. Handling and processing operations should be conducted in accordance with NFPA-654 or similar best practices. Abnormal conditions such as equipment malfunction or using improper equipment or

procedures, or hangup or stagnation of material during processing may cause composition. Employees involved in removing decomposing material should be provided suitable air supplied respirators, such as an approved positive pressure self-contained breathing apparatus. Compounding ingredients added to elastomer products may require special handling. It is the user's responsibility to follow the recommended precautions of the individual additive suppliers.

Storage conditions : Store indoors in a cool, ventilated and dry place. Keep away from heat source and kindling, and protect against freezing and rain, avoid sun exposure. Avoid contact with oxidants. The container shall be grounded to prevent static electricity.
Storage temperature: 41°F/5 °C - 104°F/40 °C.
Storage period: 24 months.

Section 8. Exposure controls/personal protection

Maximum permissible concentration : No data available.

Monitoring method : No data available.

Engineering measures : No data available.

Ventilation : Provide good ventilation to ensure that the volatile gas content in the indoor volume is below the allowable limit value.

Respiratory protection : When the air concentration exceeds the standard, wear self-priming filter gas mask (half face), and wear air respirator or oxygen respirator during emergency rescue or evacuation.

Protective Clothing/Equipment : Wear penetrating work clothes.

Contaminated Equipment : Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Other protection : Smoking, eating and drinking are strictly prohibited in the workplace, bathing and changing clothes after work, regular physical examination.

Section 9. Physical and chemical properties

Appearance : Liquid (turquoise)

PH : No data.

Proportion : Closed cup: >26°C (>79°F) [Cleveland ASTM D 93]

Boiling point, Initial boiling point and boiling range : No data.

Relative density (water=1) : No data.

Relative vapor density (air =1) : No data.

Saturated vapor pressure (kPa) : No data.

Heat of combustion (KJ/mol) : No data.

The critical temperature (°C)	:	No data.
Critical pressure (MPa)	:	No data.
Opposite value of octanol/water distribution coefficient	:	No data.
Flash point	:	No data.
Auto-ignition temperature	:	No data.
Explosive limit % (V/V)	:	No data.
Explosion threshold %(V/V)	:	No data.
Molecular formula	:	No data.
Molecular weight	:	No data.
Evaporation rate	:	No data.
Viscosity	:	No data.
Solubility	:	Not soluble in water.

Section 10. Stability and reactivity

Chemical stability	:	At room temperature and pressure.
Incompatible materials	:	No data.
Conditions to avoid	:	High temperature, open flame, incompatible materials, Strong oxidant
Hazardous decomposition products	:	Carbon monoxide, Carbon dioxide.

Section 11. Toxicological information

Acute Toxicity	:	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
Skin corrosion/irritation	:	No known significant effects or critical hazards.
Inhalation	:	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.
Skin contact	:	Defatting to the skin. May cause skin dryness and irritation.
Ingestion	:	No known significant effects or critical hazards.
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation, dryness, cracking
Ingestion	:	No specific data.

Section 12. Ecological information

Toxicity	:	No known significant effects or critical hazards.

Environmental effects

Persistence/degradability	:	Expected to be biodegradable.
Bioaccumulative potential	:	No specific data.
Other ecological information	:	No data.

Section 13. Disposal considerations

Disposal methods	:	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose in drains or in water.
Local disposal regulations	:	In accordance with the regulations currently in force and as far as possible, they should be disposed of by an approved waste collector or contractor. Disposal methods should comply with local/regional/national/international regulations.

Section 14. Transport information

Land transport (as per ADR/RID classification)	:	This substance is not classified as dangerous under ADR/RID regulations.
Inland waterways transport (ADN)	:	This substance is not classified as dangerous under ADN regulations.
Sea transport (IMDG)	:	This substance is not classified as dangerous under IMDG regulations.
Air transport (IATA)	:	This substance is not classified as dangerous under IATA regulations.
DOT (US)	:	This substance is not classified as dangerous under DOT regulations.

Section 15. Regulatory information

Applicable regulations	:	Chemical Hazardous Materials Safety Management Regulations (promulgated by the State Council on February 17, 1987), Chemical Hazardous Materials Safety management. Regulations Implementation Rules (Chemical Labor Development [1992] 677), regulations on the safe use of chemicals in the workplace ([1996] No. 423 of the Ministry of Labor Affairs) and other regulations, have made corresponding regulations on the safe use, production, storage, transportation, loading and unloading of chemical dangerous goods.
Chemical Weapon Convention List Schedules I, II & III chemicals	:	Not listed.
Montreal Protocol	:	Not listed.
Stockholm Convention on Persistent Organic Pollutants	:	Not listed.
Rotterdam Convention on Prior Informed Consent (PIC)	:	Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals	:	Not listed.

Section 16. Other information

History

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Prepared by	:	Product Stewardship

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