

# Material Safety Data Sheet



## 1. Chemical Identification

Product name : Nano Ceramic Protect Fabric  
Chemical name : Coating for fabric  
Synonyms : Car coating for fabric  
Manufacturers : Nanoformula

## 2. Composition Information on Ingredients

Chemical formula:  $Al_2O_3$   
CAS NO.: 1302-74-5  
Main Substance : aluminum oxide

## 3. Hazards Identification

Ingredient	Nominal	ACGIH – TLV
None known at a reportable level.		

## 4. First Aid measurements

Inhaled : Not applicable  
Skin contact: with soap and water to clean the skin.  
Eye contact : Immediately flush eyes thoroughly for 5 minutes with running water  
Ingestion : None likely required.if dust is created and worker is adversely affected.  
Obtain medical advice immediately.  
Emergency medical care:Treat

## 5. Fire fighting measures

Flash point (Method): Not available  
Autoignition Temperature: 500°C  
Flammability Limits in Air(%):UEL:Not available LEL:Not available  
Fire Extinguishing Media: Not burning  
Fire fighting procedures: Put it down lightly, protect from overflowing  
Other fire or explosion hazards: Not available.

## 6. ACCIDENTAL RELEASE MEASURES

In the event of a spill or leak: Flushing with water

## 7. HANDLING AND STORAGE

Storage Temperature (°C) : Ambient temperatures.

Storage Requirements: Should be stored under cover to prevent degradation due  
To sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Not available

Respiratory protection: None, with combined organic vapour/dust, mist, or fume cartridges  
If required.

Skin protection: Gloves.

Eye protection: None.

Other safety equipment: None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance /odour: With slight fruit-like odour  
And different colors

Physical state: liquid and paste

Analysis:

Surfactants	15%
spices	1%
deionized water	60%
polysilazane	20%
almond oil	1%
amino acid	1%
softener	2%

Odour threshold : Not available

Boiling range(°C) : Not applicable

Melting/Freezing point(°C) : 80-100

Vapour pressure : Not applicable

Specific gravity: Not applicable

Vapour density : Not applicable

Bulk density : 180-200 kg/m<sup>3</sup>

Evaporation rate : Not applicable

Solubility : Not soluble in water

Volatile by volume : Negligible

PH : 7

Coefficient of Water/Oil Distribution : Negligible

Sensitivity to mechanical impact: None

Rate of Burning : Not available

Explosive power: Not available

Sensitivity to static discharge : None

## **10. STABILITY AN REACTIVITY**

Stability:

Under normal conditions : Stable

Under Fire Conditions: Stable

Hazardous polymerization: Not available

Conditions to avoid: Not available

Materials to avoid : Not available

Combustion products: none

## **11. TOXICOLOGICAL INFORMATION**

Toxicological data : This product has not been tested.

Carcinogenicity data:The ingredients of this product found at a level above 0.1% are not Carcinogens.

Reproductive effects :The ingredients of this product are not reproductive toxins

Mutagenicity data : The ingredients of this product are not mutagenic.

Teratogenicity data :The ingredients of this product are not teratogenic.

Synergistic materials:None

## **12.ECOLOGICAL INFORMATION**

Environmental Effects: NONE

Deactivating Chemicals: Wildlife.Not required

## **13.DISPOSAL CONSIDERATIONS**

Waste Disposal Methods: Dispose of waste material at a suitable landfill site, or at an approved waste incineration facility in accordance with applicable local, provincial,state,and federal regulations.

## **14. TRANSPORT INFORMATION**

DOT Classification: Non-regulated commodity

SHIPPING(Under the TDG Act): Not regulated

## **15. REGULATORY INFORMATION**

WHMIS Classification: Not controlled.

SARA Status: Not reportable

CONEG Status: Complies with regulation

Ozone Depleting Substances: None

Korea Prop.65 Status:Complies with regulation

Domestic Substance List(DSL): Listed

## **16. OTHER INFORMATION**

INFORMATION SOURCES      HMIS Rating: Health=2 Flammability=0 Reactivity=2

1. Supplier's Material Safety Data Sheets