



nochar, inc.

nature's partner in fire and environmental protection

Nochar Material Safety Data Sheet (SDS)

MSDS No: S320 Trade Secret

Version No: 5/27/2020

Order No:

Nochar Inc. 8650 Commerce Parkway, Suite K, Indianapolis, IN 46268
317-613-3046

Emergency Assistance

For emergency assistance involving chemicals call
765-938-3333

1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND THE COMPANY

Product name NOCHAR' S320
Company: Nochar, Inc.
8650 Commerce Park Place
Suite K
Indianapolis, IN 46268

Telephone: 317-613-3046
Telefax: 317-613-3052
E-mail: nochar@nochar.com

Emergency information: 765-938-3333

Product Use: Fire Retarded Elastomeric Coating
Identification of the preparation: Water Based Polymer Elastomeric Coating

2. HAZARD (s) IDENTIFICATION



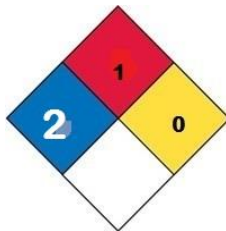
Carc. 1B H350 May cause cancer.



Environment Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Aquatic Toxicity. 4 H332 Harmful if inhaled.
Skin Irritation. 2 H315 Causes Skin Irritation.
Skin Sensitivity. 1 H317 May cause an allergic skin reaction.\
Eye Irritation. 2B H320 Causes eye irritation



3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixtures of the substances listed below with nonhazardous additions.

Dangerous Components:

21645-51-2	<i>Aluminium hydroxide</i>	7-13%
13463-67-7	<i>Titanium dioxide</i>	5-10%
1314-13-2	<i>Zinc oxide</i>	1-5%
1897-45-6	<i>Chlorothalonil (ISO)</i>	1.0%
	<i>Acrylic polymer(s)</i>	10-30%
7732-18-5	<i>Water, distilled, conductivity or similar purity</i>	30-60%

4. FIRST AID MEASURES

General: In case of accident or if you feel unwell, seek medical advice IMMEDIATELY, (Show the product label where possible)

Inhalation: Remove victim from exposure to well ventilated area. If breathing is labored, qualified personnel should administer oxygen. Apply artificial respiration if breathing has ceased or shows signs of failing.

Skin Contact: Remove contaminated clothing. Immediately wash affected areas thoroughly with soap and water. If irritation, redness, or a burning sensation develops and persists, obtain medical advice. Contaminated clothing should be thoroughly cleaned before reuse.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation consult a physician.

Ingestion: Do NOT induce vomiting. Provided the patient is conscious, wash out mouth with water then give 1 or 2 glasses of water to drink. Refer person to medical personnel for immediate attention.

Advice to Physician: Treat symptoms. Following severe exposure medical follow up should be monitored for at least 48 hours.

5. FIRE-FIGHTING MEASURES

NFPA 704 Hazard Class:

Health 1, Flammability: 0 Instability: 0

Extinguishing Media: Use foam, dry chemical, CO₂, or water.

Fire Fighting Procedures: As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. No unusual fire or explosion hazards.

Fire Fighting Protective Equipment: Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.

Flash Point: N/A

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: As with all chemical products, consult State, and Federal regulations or local codes before disposing of any chemical compound.

Methods for Cleaning Up: Dike with absorbents and or bonding agents to prevent spread. Keep in suitable, closed containers for disposal as required by local, State, Federal, International or country specific regulations.

7. HANDLING AND STORAGE

Safe Handling Advice: Keep isolated from extreme heat while in sealed containers. Avoid prolonged or repeated skin contact. (See Section 8- Exposure Control for details)

Storage: Keep in a dry, cool place, Avoid storage under pressure or at elevated temperatures. Above (100° F)

DO NOT ALLOW TO FREEZE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PREVENTIVE MEASURES:

Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.

Work / Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work using plenty of soap and water. Open containers of food and beverage should be kept away from areas where the product is used or stored. Eating, drinking, smoking and application of cosmetics should be prohibited in areas where the product is being used.

Engineering Measures: Use local exhaust ventilation.

Personal Protective Equipment:

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

Skin Protection: Vinyl or rubber gloves are recommended, Wear protective clothing to prevent skin contact. Keep exposed skin area to a minimum.



Eye Protection: Safety glasses with side shields, or mono goggles. With EN166 or equivalent. Wear a face –shield which allows use of chemical goggles, or wear full-face respirator to protect face and eyes when there is any likelihood of splashes.



SPECIAL PRECAUTIONS: Personnel susceptible to allergenic reactions or known chemical sensitivities should consult their supervisor for a review of these conditions prior to exposure to this material to determine any potential susceptibility or abnormal reactions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous Liquid

Color: White

Odor: Ammonia odor

Flash Point: >100 °C (212 °F)

Specific Gravity (H₂O=1): 1.38

Solubility (Water): Soluble

Boiling Point: 212° F (100° C)

Vapor Pressure: (Air=1): N/A

Auto Ignition Temperature: Does not ignite.

Bulk Density (for solids): Typical 300-400 kg/m³ at 20 Deg. C

Evaporation Rate: Slower than Ether

10. STABILITY AND REACTIVITY

Stability: Stable under ambient conditions. Do not allow to freeze.

Materials to Avoid: None Known.

Incompatibility with other Substances: None Known.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects: May aggravate pre-existing respiratory and skin disorders.

Inhalation: Short term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may cause overexposure symptoms, such as headache, nausea, and irritation of nose and throat.

Skin: Irritating effect. But if need too wash with soap and water-avoid open cuts and abrasions when handling this liquid.

Eyes: Flush with large volume of water to dilute irritant: eye injuries should be attended by medical personnel.

Ingestion: Swallowing small amounts of this product during normal use is not likely to cause any adverse health effects. Ingestion of larger amounts can result in corrosive action in the mouth, stomach tissue and digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea.

Carcinogenic categories

IARC (International Agency for Research on Cancer)
13463-67-7 <i>Titanium dioxide</i>
1897-45-6 <i>Chlorothalonil (ISO)</i>
112926-00-8 <i>Precipitated silica (Silica-Amorphous)</i>
119-61-9 <i>Benzophenone</i>
14808-60-7 <i>Quartz (SiO₂)</i>
NTP (National Toxicology Program)
14808-60-7 <i>Quartz (SiO₂)</i>
OSHA-CA (Occupational Safety & Health Administration)

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Ecotoxicological effects:

Remark: Toxic for fish.

Additional ecological information:

General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies

Toxic for aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products: In accordance with Federal, State, local and national regulations.

Contaminated Packaging: Can be land filled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous in the meaning of transport regulations. **DOT, IMDG/IMO, ICAO/IATA, UN, IMO, ADR/RID, ICAO CODE**

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations: This material or its components are listed on the TSCA Chemical Substance Inventory and is in compliance with all applicable rules and orders. One or more of the components may be exempt from listing on the TSCA Inventory.

Safety, health and environmental regulations/ legislation specific for the substance of mixture

Clean air act: None of the ingredients are listed

Clean water act: None of the ingredients are listed

Sara 302/304 Extremely Hazardous Substance: None of the ingredients are listed.

Section 355 (extremely hazardous substance): None of the ingredients are listed.

Section 313 (Specific toxic chemical listing): 1897-45-6 *chlorothalonil (ISO)*, 1336-21-6 *ammonia*, 1344-28-1 *ammonia oxide*.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

MASSACHUSETTS RIGHT TO KNOW): 57-55-6 propane-1,2-diol, 64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic, 64741-88-4 Distillates (petroleum), solvent-dewaxed heavy paraffinic, 1344-28-1 Aluminium oxide.

NEW JERSEY RIGHT TO KNOW): 64741-88-4 Distillates (petroleum), solvent-dewaxed heavy paraffinic, 1344-28-1 Aluminium oxide.

PENNSYLVANIA RIGHT TO KNOW): 57-55-6 propane-1,2-diol, 64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic, 64741-88-4 Distillates (petroleum), solvent-dewaxed heavy paraffinic, 1344-28-1 Aluminium oxide.

PROPOSITION 65

CHEMICALS KNOWN TO CAUSE CANCER): 13463-67-7 titanium dioxide, 1897-45-6 chlorothalonil (ISO) Polycarboxylate, ammonium salt, 119-61-9 benzophenone, 14808-60-7 Quartz (SiO₂)

CARCONOGENIC CATAGORIES

EPA (Environmental Protection Agency) 1314 zinc oxide,

TLV (Threshold Limit Value established by ACGIH) 13463-67-7 titanium dioxide, 1344-28-1 Aluminium oxide, 14808-60-7 Quartz (SiO₂)

NIOSH-Ca (National Institute for Occupational Safety and Health) 13463-67-7 titanium dioxide, 14808-60-7 Quartz (SiO₂)

GHS label elements *the product is classified and labeled according to the Globally Harmonized System (GHS) Hazard pictograms*



Signal Word *Danger*

Hazard-determining components of labeling:

Titanium dioxide, chlorothalonil (ISO), Distillates (petroleum), solvent-dewaxed heavy paraffinic, Distillates (petroleum), solvent-refined heavy paraffinic.

Hazard Statements): *Harmful if inhaled Causes skin and eye irritation. May cause an allergic skin reaction. May cause cancer. Toxic to aquatic life with long lasting effects.*

Precautionary Statements): *If medical advice is needed, have product container or label at hand. Keep out of the reach of children. Read label before use. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Specific treatment (see on this label) **IF INHALED** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs; Get medical advice/attention. Get medical advice/attention if you feel unwell. In case of fire: Use for extinction: CO2, sand, extinguishing powder. In case of fire: Use for extinction: Water spray. If on skin: Wash with plenty of water. Collect spillage. Take off contaminated clothing and wash it before reuse. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations..*

National Regulations:

Information about limitation of use: *Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.*

Chemical Safety assessment: *A chemical Safety Assessment has not been carried out.*

The manufacturer assumes no liability for incidental, consequential or direct damage of any manner or kind, regardless of cause, including negligence.

16. OTHER INFORMATION

This information contained herein is based on the data available to us and is believed to be correct. However, the manufacturer makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof, and assumes no responsibility for injury from the use of the product described herein. The manufacturer assumes no liability for incidental, consequential or direct damage of any manner or kind, regardless of cause, including negligence.