



Revision Number: 004.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: NCF Stone
Product type: Cyanoacrylate activator for natural stone
Company address: Satellite City, Inc.
3543 Old Conejo Rd Ste 101
Newbury Park, CA 91320

Item numbers: NCFS-8
Region: United States
Contact information:
Telephone: 800 786 0062
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: PERS
1-800-633-8253 (toll free) or 1-801-629-0667
Internet: www.CAGlue.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Colorless, Clear
Odor: Aliphatic

HEALTH: *2
FLAMMABILITY: 3
PHYSICAL HAZARD: 0
Personal Protection: See MSDS Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.
HARMFUL IF INHALED.
HARMFUL OR FATAL IF SWALLOWED.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Lungs, Eyes, Skin, Ingestion

Potential Health Effects

Inhalation: Central nervous system effects. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Residue remaining after evaporation of the solvent is destructive to mucous membranes.

Skin contact: May cause irritation due to defatting of the skin. Residue remaining after evaporation of the solvent is destructive to skin. Redness.

Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation. Residue remaining after evaporation of the solvent is destructive to eyes.

Ingestion: Ingestion may cause irritation to mucous membranes. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
n-Heptane	142-82-5	60 - 100

4. FIRST AID MEASURES

Inhalation:	If symptoms develop and persist, get medical attention. Move to fresh air.
Skin contact:	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention.
Notes to physician:	Aspiration may cause pulmonary edema or aspiration pneumonia.

5. FIRE FIGHTING MEASURES

Flash point:	-2 °C (28.4 °F) Tagliabue closed cup
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	1.1 %
Flammable/Explosive limits - upper:	6.7 %
Extinguishing media:	Carbon dioxide. Dry chemical. foam
Special firefighting procedures:	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Hazardous combustion products:	Oxides of nitrogen. Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not allow product to enter sewer or waterways. Remove all sources of ignition.
Clean-up methods:	Ensure adequate ventilation. Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling:	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
Storage:	For safe storage, store at or below 49 °C (120.2 °F) Keep container closed. Keep in a cool, well ventilated area. Store away from ignition sources.

For information on product shelf life contact Satellite City at (800) 786-0062

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m ³) TWA	None	None

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Observe OSHA regulations for respiratory use (29 CFR 1910.134). Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety glasses with side-shields. Goggles.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Colorless, Clear
Odor: Aliphatic
Odor threshold: Not available
pH: Not available
Vapor pressure: 35 mm hg (68 °F (20°C))
Boiling point/range: 205 - 210 °F (96.1 - 98.9 °C) None
Melting point/ range: Not available
Specific gravity: 0.68
Vapor density: 3.45 Heavier than air.
Flash point: -2 °C (28.4 °F) Tagliabue closed cup
Flammable/Explosive limits - lower: 1.1 %
Flammable/Explosive limits - upper: 6.7 %
Autoignition temperature: Not available
Evaporation rate: 2.7 (Ether = 1)
Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available
VOC content: 99.9 %; 680 g/l

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: No data

Incompatible materials: Oxidizing agents. Acids.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
n-Heptane	No	No	No

Hazardous components	Health Effects/Target Organs
n-Heptane	Central nervous system, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Heptanes
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: (Not more than 1 L), ORM-D, Consumer Commodity

International Air Transportation (ICAO/IATA)

Proper shipping name: Heptanes
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: ID8000, (Not more than 500 ml), May Qualify as Consumer Commodity

Water Transportation (IMO/IMDG)

Proper shipping name: HEPTANES
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: Limited quantity (Not more than 5 L).

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12(b) Export Notification: N-Heptane (CAS# 142-82-5).

CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Fire, Delayed Health, Immediate Health
CERCLA/SARA 313: None above reporting de minimus

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

WHMIS hazard class: B.2, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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