NARCO CONFIDENTIAL-RESTRICTED




SUPER 505 HOT GUN C

Made at: Curwensville, PA

PRODUCT LIFE: MAY 16, 1963 TO MAY 17, 1977

ASBESTOS DATES: MAY 16, 1963 TO MAY 17, 1977 *

* asbestos removed by discontinuing brand

SUPER 505 HOT GUN C MIXES: 396

396A

NARCO CONFIDENTIAL-RESTRICTED

NORTH AMERICAN REFRACTORIES COMPANY

MIX INSTRUCTIONS

PLANT Curwensville Plant

DATE March 23, 1961

BRAND Narcolite

MIX NO. 387A

PROCESS

BURN

Insulating Castable

M I X

SHRINKAGE

| | |
|---|---|
| Rolandshuette Cement | 44% |
| Stiff mud Bats - 8M | 32% |
| Mo. Plastic 20M | 11% |
| 7K05 Asbestos (J-M) | 2% |
| No. 2 Vermiculite | 11% |

SPECIAL INSTRUCTIONS

CONTROL SPECIFICATIONS

Weight/cu. ft dry 230°F 50-55

M/R Dry 230°F 130 to 200 psi

SIGNED Engineering

APPROVED [signature] Research

APPROVED Robert F. Whiford Operating

APPROVED P. W. [signature] PLANT

Replaces Sheet
Dated May 14, 1957

Form M67

**NARCO CONFIDENTIAL-RESTRICTED**

NORTH AMERICAN REFRACTORIES COMPANY

MIX INSTRUCTIONS

PLANT Curwensville, Pa. DATE August 31, 1961

BRAND Narcalite MIX NO. 387B

PROCESS BURN

Insulating Castable SHRINKAGE

MIX

| | | |
|---|---|---|
| Rolandshuette Cement | | 41.5 % |
| Stiff Mud Bates (dry) | -8M | 27.8 |
| Gleason Clay | A.F. | 10.4 |
| 7K05 Asbestos | | 1.9 |
| P1F59 Frit | Powdered | 2.4 |
| Palite-20 (Perlite) | | 16.0 % |

SPECIAL INSTRUCTIONS Based on W.O. 204

The entire mix can be mixed at one time, package with valve packer.

CONTROL SPECIFICATIONS

M/R Dry +30°F. 200 psi min.

C/C " " 500 psi min.

APPROVED F. W. Schroeder Research

APPROVED R. F. W. Kuford Operating

APPROVED R. W. Danielson Plant

Replaces Sheet Dated

March 13, 1961

Form M67

NARCO CONFIDENTIAL-RESTRICTED

NORTH AMERICAN REFRACTORIES COMPANY

MIX INSTRUCTIONS

| | | | |
|---|---|---|---|
| PLANT | CURWENSVILLE, PA. | DATE | ~~AUGUST 31, 1961~~ April 22, 1977 |
| BRAND | NARCOLITE | MIX NO. | 387 ~~B~~ C |
| PROCESS | | BURN | |
| | INSULATING CASTABLE | SHRINKAGE | |

MIX

| | | |
|---|---|---|
| ROLANDSHUETTE CEMENT | | 41.5 % |
| STIFF MUD BATS (DRY) | -8 M | 27.8 |
| GLEASON CLAY | A.F. | 10.4 |
| ~~7K05 ASBESTOS~~ Attagel 50* | | 1.9 |
| ~~P1F59~~ FRIT-FERRO #3278 POWDERED | | 2.4 |
| PA-LITE 20 (PERLITE) | | 16.0 % |

SPECIAL INSTRUCTIONS ~~BASED ON W.O. 204~~

~~THE ENTIRE MIX CAN BE MIXED AT ONE TIME, PACKAGE WITH VALVE PACKER.~~

* VAN HORN, METZ & CO., 400 KEYSTONE DRIVE, CARNEGIE, PA 15106 (412-279-3300)

CONTROL SPECIFICATIONS

M/R DRY 230°F 200 PSI MIN.

C/C DRY 230°F 500 PSI MIN.

APPROVED ~~E. W. SCHROEDER~~ Robert J. Hass Research

APPROVED ~~R. F. WHITFORD~~ [signature] Operating

APPROVED ~~R. W. DAVIDSON~~ R. T. Wright Plant

Replaces Sheet Dated

~~3/23/61~~ 8/31/1961

NARCO CONFIDENTIAL-RESTRICTED

NORTH AMERICAN REFRACTORIES COMPANY

MIX INSTRUCTIONS

PLANT Curwensville, Pa
DATE May 16, 1963
BRAND ~~Narco~~ Super 505 Hot Sun C
MIX NO. 396
PROCESS
BURN
SHRINKAGE

EXPERIMENTAL MIX

| | | |
|---|---|---|
| Calcined Flint | 8 M | 75 % |
| Tunnel Soft clay | 20 M | 25 % |
| Phosphoric acid | | 4 % (added) |

SPECIAL INSTRUCTIONS To be packaged 100 lbs per bag

CONTROL SPECIFICATIONS

SIGNED W. E. Johnson Jr.
Research

5/16/63