May 27, 1975
Supersedes AK-955
Dated: 8/14/74

PLAINTIFF'S EXHIBIT
GP-1370

AKRON, NEW YORK, PLANT FORMULA
YELLOW ALL PURPOSE COMPOUND AK-955

DESCRIPTION OF PRODUCT - Buff joint compound for taping and finishing joints and spotting nailheads.

-/ FORMULA

Raw Material	RM Spec	Percent	Lbs/Batch
Yellow Oxide	139	0.100	4
Petro AD	126	0.100	4
Vancide	143	0.075	3
Methocel 228	163	0.400	16
Zinc Oxide	119	0.0375	1.5
Soda Ash	32	0.125	5
Borax	37	0.0625	2.5
Staramic 747	192	3.125	125
Casein	10	1.250	50
*Asbestos 7RF-02	9	3.250	130
Mica	11	10.000	400
Defoamer M111	196	0.025	1
Limestone	13	81.450	3258
		100.000	4000

SPECIFICATIONS	- Testing Procedure	Maximum	Minimum	Average
Working Consistency	No. 32	60	55	58
Alkalinity - pH	No. 34	9.2	8.8	9.0

Working Properties — No. 33 - Wet mix shall be plastic working and free of grit or coarse particles.

Crack Resistance — No. 37 - There shall be at most only a couple of fine cracks in the wedge.

Color - Dried compound shall match the color of a standard sample and be free of color streaks.

-/ *Asbestos 7RF9 may be substituted. Use at a loading of 5% (200 lbs./batch).

WNG:elz

-/ denotes change

December 8, 1970
NEW FORMULA

AKRON, NEW YORK PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION OF PRODUCT - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Polyvinyl acetate copolymer emulsion RA-315	Adhesive	217	48.00	2880 (320gal)
Trichloroethylene	Solvent tooling aid	218	1.00	60 (5gal)
Santocizer 160	Plasticizer	219	4.00	240 (26gal)
Ethylene Glycol	Tooling aid	182	3.00	180 (20gal)
Atomite Limestone	Filler	220	43.95	2637
Biocide 290	Fungicide	184	.05	3
			100.00%	6000 lbs.

YIELD: - 6000 lbs. yields 520 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 gallon tubes.

VISCOSITY - Refer to Plant Testing Procedure 109.
Use a 500 cmg cartridge
Specifications: 500± 50 brabender units

Adjust viscosity by addition of trichlorethylene or filler material.

WORKING CHARACTERISTICS - Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS - Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH - Refer to Plant Testing Procedure No. 116.

EDO:dek

January 27, 1971
Supersedes Formula No. AK-955
Dated 12/8/70

AKRON, NEW YORK PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Polyvinyl acetate copolymer emulsion RA-315	Adhesive	217	42.00	2520 (280 gal.)
Trichloroethylene	Solvent Tooling Aid	218	1.00	60 (5 gal.)
Santocizer 160	Plasticizer	219	3.00	180 (22 gal.)
Ethylene Glycol	Tooling aid	182	4.00	240 (26 gal.)
Atomite Limestone	Filler	220	47.95	2877
Biocide 290	Fungicide	184	.05	3
*Natrosol 250 HXR (4% solution)	Thixotropy		2.00	120 (14.5 gal.)
			100.00	6000

*Natrosol solution is composed of 96% water 4% Natrosol 250 HXR

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 gallon tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:
Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:
Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

MWR:dek

February 9, 1971
Supersedes Formula No. AK-955
Dated 1/27/71

AKRON, NEW YORK PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

-/ FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Water			1.52	91 (11 gal.)
Polyvinyl acetate copolymer emulsion RA-315	Adhesive	217	42.00	2520 (280 gal.)
Trichloroethylene	Solvent Tooling Aid	218	1.00	60 (5 gal.)
Santocizer 160	Plasticizer	219	3.00	180 (22 gal.)
Ethylene Glycol	Tooling aid	182	4.00	240 (26 gal.)
Atomite Limestone	Filler	220	48.33	2900
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy		0.1	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 gallon tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:
Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:
Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

MWR:dek

Denotes change in this reissue.

February 19, 1971
Supersedes Formula AK-955
Dated 2/9/71

AKRON, NEW YORK PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Water			1.52	91 (11 gal.)
Polyvinyl acetate copolymer emulsion RA-315	Adhesive	217	42.00	2520 (280 gal.)
Trichloroethylene	Solvent Tooling Aid	218	1.00	60 (5 gal.)
Santocizer 711	Plasticizer	219	3.00	180 (22 gal.)
Ethylene Glycol	Tooling aid	182	4.00	240 (26 gal.)
Atomite Limestone	Filler	220	48.33	2900
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy		0.1	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 gallon tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:
Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WORKING CHARACTERISTICS:
Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

MWR:ack

Denotes change in this reissue.

SGP 0017226

March 19, 1971
Supersedes Formula AK-955
Dated 2/19/71

AKRON, NEW YORK, PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

FORMULA:

-/

Raw Material	Function	R.M. Spec.	Percent	Lbs./Batch
Water			.85	51 (8 gal.)
Polyvinyl acetate Copolymer emulsion RA-315	Adhesive	217	42.00	2520 (280 gal.)
Trichlorethylene	Solvent Tooling Aid	218	1.00	60 (5 gal.)
Santocizer 711	Plasticizer	219	2.00	120 (14.5 gal.)
Ethylene glycol	Tooling aid	182	4.00	240 (26 gal.)
Atomite limestone	Filler	220	50.00	3000
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy		.10	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:

Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:

Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: - Refer to Plant Testing Procedure No. 116.

-/ Denotes change in this reissue.

MWR:elz

June 8, 1971
Supersedes Formula AK-955
Dated 3/19/71

AKRON, NEW YORK, PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

-/ FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
RA-315	Adhesive	217	40.0	2400 (266 gal.)
Trichlorethylene	Solvent Tooling Aid	218	1.0	60 (5 gal.)
Santocizer 711	Plasticizer	219	2.0	120 (15 gal.)
Ethylene glycol	Tooling Aid	182	4.0	240 (26 gal.)
Fastak #3	Wet Type Agent		2.5	150 (17.5 gal.)
Atomite	Filler	220	50.35	3021
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy		.10	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:

Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:

Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

EDO:dek
-/ Denotes change in this reissue.

June 17, 1971
Supersedes Formula AK-955
Dated 6/8/71

AKRON, NEW YORK, PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

-/ FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Calgon T	Dispersant	11	0.3	18
RA-315	Adhesive	217	40.0	2400 (266 gal.)
Trichlorethylene	Solvent Tooling Aid	218	1.0	60 (5 gal.)
Santocizer 711	Plasticizer	219	2.0	120 (15 gal.)
Ethylene glycol	Tooling Aid	182	4.0	240 (26 gal.)
Fastak #3	Wet Type Agent	224	2.5	150 (17.5 gal.)
Atomite	Filler	220	50.05	3003
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy	11	.10	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:

Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:

Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

EDO:dek
-/ Denotes change in this reissue.

June 17, 1971
Supersedes Formula AK-955
Dated 6/8/71

AKRON, NEW YORK, PLANT FORMULA

STUD ADHESIVE AK-955

DESCRIPTION: - Water soluble adhesive for fastening gypsum wallboard to wood or metal framing, also plywood paneling to gypsum wallboard and to wood or metal framing.

-/ FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs/Batch
Calgon T	Dispersant	11	0.3	18
RA-315	Adhesive	217	40.0	2400 (266 gal.)
Trichlorethylene	Solvent Tooling Aid	218	1.0	60 (5 gal.)
Santocizer 711	Plasticizer	219	2.0	120 (15 gal.)
Ethylene glycol	Tooling Aid	182	4.0	240 (26 gal.)
Fastak #3	Wet Type Agent	224	2.5	150 (17.5 gal.)
Atomite	Filler	220	50.05	3003
Biocide 290	Fungicide	184	.05	3
Natrosol 250 HXR	Thixotropy	11	.10	6
			100.00	6000

YIELD: - 6000 lbs. yields 500 gallons of finished product, packaged in 1/10 gallon tubes and/or 1/4 tubes.

VISCOSITY: - Refer to Plant Testing Procedure 109.
Specifications: Use a 250 cmg cartridge
500 ± 50 brabender units.

Adjust viscosity by addition of ethylene glycol or filler material.

WORKING CHARACTERISTICS:

Shall extrude easily from tube and form a uniform bead that does not sag or run.

OPEN TIME: - Refer to Plant Testing Procedure No. 114.

WETTING CHARACTERISTICS:

Refer to Plant Testing Procedure No. 115.

TENSILE STRENGTH: Refer to Plant Testing Procedure No. 116.

EDO:dek
-/ Denotes change in this reissue.

AKRON FORMULA #955
ASBESTOS CONTAINING PRODUCTS

SGP 0017221