

SAFETY DATA SHEET

1. Identification

Product identifier Thomas & Betts HM54A, Thomas & Betts HM56

Other means of identification

SDS number SDS-00042

Product code *See Section 16

Recommended use Corrosion Inhibitor

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Thomas & Betts Corporation

Address 8155 T & B Boulevard

Memphis, TN 38125

US

Telephone 901-252-5000 ext.8324

E-mail Not available.

Emergency phone number For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
+1 703-741-5970

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3

Hazardous to the aquatic environment, long-term hazard Category 3

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention Avoid release to the environment.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Fiberglass	65997-17-3	10 - 30
Zinc oxide	1314-13-2	0.5 - 1.5

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Zinc oxide (CAS 1314-13-2)	PEL	5 mg/m ³	Fume.
		5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m ³	Respirable fraction.
	TWA	2 mg/m ³	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	3 fibers/cm ³	Dust.
		3 fibers/cm ³	Fiber.
		5 mg/m ³	Fiber, total

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Zinc oxide (CAS 1314-13-2)		5 mg/m ³	fibers, total dust
	Ceiling	15 mg/m ³	Dust.
	STEL	10 mg/m ³	Fume.
	TWA	5 mg/m ³	Dust.
		5 mg/m ³	Fume.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Exposure guidelines	Occupational Exposure Limits are not relevant to the current physical form of the product.		
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Wear safety glasses with side shields (or goggles).		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.		
Skin protection			
Other	Wear suitable protective clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Solid. Paste. Grease.
Color	Gray.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point >250 °C (>500 °F)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Insoluble (<0.1)

Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat. Contact with incompatible materials.
Incompatible materials	Oxidizers.
Hazardous decomposition products	Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Not a likely route of exposure under normal product handling conditions.
Skin contact	May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	May be harmful if swallowed.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
Zinc oxide (CAS 1314-13-2)		
Aquatic		
Crustacea	LC50 Water flea (Daphnia magna)	0.098 mg/l, 48 Hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil Expected to have low mobility in soil.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Zinc oxide (CAS 1314-13-2) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Zinc oxide	1314-13-2	0.5 - 1.5

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Zinc oxide (CAS 1314-13-2)

US. New Jersey Worker and Community Right-to-Know Act

Fiberglass (CAS 65997-17-3)

Zinc oxide (CAS 1314-13-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Zinc oxide (CAS 1314-13-2)

US. Rhode Island RTK

Zinc oxide (CAS 1314-13-2)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	17-December-2015
Revision date	20-June-2017
Revision #	5
HMIS® ratings	Health: 0 Flammability: 1 Physical hazard: 0

NFPA ratings

Disclaimer

Thomas & Betts Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

***Product codes**

2182	A-4065	CMP 200	HDL 250 NTNSPC	PT-103300	PT-79506	Q 1 U 68
2183	A-4065-B	COOPER 0838587C01	HDL 3/0 NTNSPC	PT-103301	PT-79506-K	Q 1 U 70
2188	A-4065-SH	COOPER 0838587C02	HDL 4/0 NTNSPC	PT-103302	PT-79507	Q 5 U 2
15202	A-4555-SH	COOPER 0838587C03	HM 56	PT-103303	PT-79508	Q 5 U 4
15209	A-4560-SH	COOPER 0838587C04	HM 56 (GAL)	PT-103304	PT-79508-K	Q 5 U 6
15219	A-5040 (PSC)	COOPER 0838587C05	HM 56 (PINT)	PT-103305	PT-79509	RCPTG 1/0 OF
15202	A-5045 (PSC)	COOPER 0838587C06	HO 11	PT-103306	PT-79510	RCPTG 2 OF
15209	A-5045-S10 (PSC)	COOPER 0838587C07	HO 15	PT-103307	PT-79511	RCPTG 4 V1
15219	A-5045-S20-SH	COOPER 0838587C08	HO 17	PT-103309	PT-79511-S20	RCPTG 6 V1
2000T 1/0-2/0	A-5050	COOPER 0838587C10	HTAP 1/0-1	PT-103310	PT-79511-S20-K	RCPTK 2/0 OF
2000T 2/0-4/0	A-5050-S10	COOPER 0838587C12	HTAP 2-8	PT-103311	PT-79512	RCPTK 4/0 OF
2000T 2-1/0	A-5050-S10-SH	COOPER 0838587C14	HTAP 3/0-1	PT-103312	PT-79512-S20	RCPTM 500 OF
2000T 250-350	A-5050-S2	COOPER 2638590C06	HTAP 3/0-3/0	PT-103313-S20	PT-79513	RG 5 U 10
2000T 250-500	A-5050-S20-SH	COOPER 2638590C08	HTAP 4/0-2	PT-1050-S2	PT-79513-S2	RG 5 U 10-325-2
2000T 3-1/0	A-5055-1	COOPER 2638590C10	HTAP 4/0-3/0	PT-119200	PT-79514	RG 5 U 20
2000T 350-500	A-5060	COOPER 2638590C11	HTAP 4/0-4/0	PT-119203	PTA 1/0	RG 5 U 20-6
2000T 4/0-350	A-5060-S10-SH	COOPER 2638590C15	HTAP 500-500	PT-26601	PTA 350	RPTM 500 AP
2000T 4-1/0	A-5060-S20-SH	COOPER 2690851D01	IKL34	PT-26602-S2	PTA 350 TN	RPTM-500-AP15
2000T 500-1000	A-5060-S40-SH	COOPER 2690851D06	IKL35	PT-26603	PTA 350-10	RU 5 U 10
2000T 500-750	A-5060-SH	COOPER 2690851D07	IKL36	PT-26603-S10	PTA 4/0	RU 5 U 10-6
2000T 650-750	A-5065	COOPER 2690851D08	IKL44	PT-26604	PTA 4/0-10	RU 5 U 2
2000T 750-1000	A-5065-SH	COOPER 2690851D09	IKL45	PT-26605	PTA 500	RU 5 U 2-325-2
2177 G 1/0	A-5070	COOPER 0838587C09	IKL46	PT-26606	PTB 300	RU 5 U 2-6
2177 G 21	A-5070-SH (JEA)	COOPER 0838587C11	IKL47	PT-26607	PTB 300 TN	RU 5 U 4
2177 K 2/0	A-5075	COOPER 0838587C13	IKL54	PT-26609	PTB 350	RX 5 U 20
2177 K 350	A-5080	COOPER 0838587C64	IKL55	PT-33601	PTB 350 TN	RX 5 U 20-6
2177 K 4/0	A-5080-SH	COOPER 2638590C03	IKL56	PT-33602	PTB 350-10 A	RX 5 U 266 OF
3 PU 1010	A-5085	COOPER 2638590C09	IKL57	PT-33603	PTB 350-2.5	RX 5 U 30
3 PU 102	A-5090	COOPER 2638590C13	IKL58	PT-33604	PTB 350-6	RX 5 U 336
3 PU 104	AL 1272-4 N	COOPER 2638590C14	IKL64	PT-33605	PTB 400	RX 5 U 336-6
3 PU 21	AL 14136 X	COOPER 2690851D10	IKL65	PT-33605-S20	PTB 400-6	RX 5 U 40
3 PU 22	AL 1590-4 N	COOPER 2690851D12	IKL66	PT-33606	PTD 500-6	RX 5 U 40-460-2
3 PU 24	AL 1590-4NN	COOPER 2690851D13	IKL67	PT-33606-S10	PTD 1500-10	RX 5 U 40-6
3 PU 4040	ALCC-120-4N15-HM	COOPER 2690851D14	IKL68	PT-33607	PTF 1000-10 A	SA 8-38
3 PU 44	ALCC-120-4N90	COOPER 2690851D15	IKL69	PT-33607-K	PTF 1000-346	SA 8-48
3 PU 48	ARS 1/0-840	COOPER 2690851D16	L 2/0 NSPC	PT-33607-S10	PTF 1000-6	SA 8-48 TN
3144-1/0-6	AYTF-80-4NR	COOPER 2690851D17	L 500 NSPC V1	PT-33608	PTG 2-3	SAPT 1/0-10
58 BLBL 10	CCG 22	COOPER 2690851D18	L 500 NSPC V2	PT-33608-K	PTK 4/0-10 A	SAPT 1/0-1017
58 GG 10	CCG 24	COOPER 2690851D19	L 500 NSPC V3	PT-33609	PTL 1000	SAPT 1/0-1017 CC
58 OBL 10	CCG 44	COOPER 2690851D20	MCS 2/0 K	PT-35000	PTL 1000 TN	SAPT 1/0-106
58 OBR 10	CCG 46	COOPER 2690851D21	MCS 350 K	PT-35000-K	PTL 1000-2.5	SAPT 1/0-12
58 OG 10	CI 1 (78800424794)	COOPER 2690851D35	MCS 4/0 K	PT-35001	PTL 1000-8051	SAPT 1/0-242 AP
58 OO 10	CI 1 A (78800648889)	COOPER 2690851D50	MPT 1/0-125	PT-35002	PTL 1000-8051 TN	SAPT 1/0-26
58 RBL 10	CI 1/0 (78800424893)	COOPER 2690851D51	MPT 2 W/COVER	PT-35002-S10	PTL 350-8051 TN	SAPT 1/0-272 AP
58 RG 10	CI 2 (78800424786)	COOPR PWR 2690851D02	MPT 2/0-125	PT-35002-S2	PTL 4/0-8051 TN	SAPT 1S-26
58 RO 10	CI 2 A (78800648467)	COOPR PWR 2690851D03	MPT 2/0-125 W/COVER	PT-35003	PTL 636	SAPT 2/0-106
58 RR 10	CI 2/0 (78800424901)	COOPR PWR 2690851D04	MPT 350-125	PT-35004	PTL 750	SAPT 2-1017 CC
58 YBL 10-HM	CI 21 (78801902129)	COOPR PWR 2690851D05	MPT 350-125 W/COVER	PT-35004-K	PTL 750-10 A	SAPT 2-12
58 YO 10	CI 21840 78805096423	CPL 1/0 N	MPT 4/0 W/COVER	PT-35005	PTL 750-2.5	SAPT 2-24
58 YR 10	CI 21A (78806175374)	CPL 1000 N	MPT 4/0-125	PT-35006	PTL 750-8051 TN	SAPT 2-26
58 YY 10	CI 22 (78800425601)	CPL 1000-58	MPT 4/0-125 W/COVER	PT-35007	PTL 750-9	SAPT 2-26-840
7785-1/0 SOL	CI 250 (78800424935)	CPL 2 N	NC 40010	PT-4001	PTL 800	SAPT 3/0-106
866	CI 3/0 (78800424919)	CPL 3/0-48	NC 60010	PT-4002	PTM 500	SAPT 350-6
867	CI 3/0 CWVE	CPL 350 N	NST 40010	PT-4003	PTM 500 TN	SAPT 4/0-1018 CC
869	CI 350 (78800424950)	CPL 4/0 N	NST 60010	PT-4004	PTM 500-10 TN	SAPT 4/0-106
872	CI 4/0 (78800424927)	CPL 4-48	OC 102	PT-4005	PTM 500-12	SAPT 4/0-2012
874	CI 4/0B(78800942704)	CPL 477 N	OC 102 MB	PT-4005-S10	PTM 500-346	SAPT 4/0-206
876	CI 450 (78800424976)	CPL 556 N	OC 22	PT-4006	PTM 500-6	SAPT 4/0-26
876 M	CI 500 (78800424984)	CPL 600 N	OC 22 HD	PT-4007	PTM 556	SAPT 4-26
879	CI 650 (78800425015)	CPL 750 N	OC 42	PT-4007-S10	PTM 556-6	SAPT 6-26
879 SP	CI 750 (78800425023)	CPS 33	OST 102	PT-4007-S2	PTSB 350	SB 3535
879 SPPR	CI1/0840 78804700660	CPS 35	OST 102-6	PT-4008	PTSB 350-6	SB 3935
883	CI1/0A (78800648897)	DC 402	OST 22	PT-4008-K	PTSG 1/0	SB 5035
892	CI22 A (78800746279)	DST 402	OST 42	PT-4009	PTSG 1/0-6	SGAC 1/0
A-4025	CIR 1/0 840 (14)	FSK 2/0-10 W/FSS7141	PIK-00	PT-4010	PTSG 2	SGAC 250
A-4025 (PSC)	CIR 2 (78812659767)	FSK 350-10	PIK-00R	PT-4011	PTSG 21	SGAC 3/0
A-4030 (PSC)	CIR 21 (78805098809)	FSK 4 CAB	PIK-11	PT-4020-S2	PTSG 21-6	SGAC 350
A-4030-S2	CIR 22 (78805098791)	FSK 4/0-10 W/FSS7141	PIK-12	PT-47701	PTSG 4	SGAC 500
A-4035	CIR 22-840	FSK 5583	PIK-22	PT-47701-S10	PTSG 6	SK 1010
A-4035 (PSC)	CIR1/0 (78805098817)	FSK 5584	PIK-24	PT-47702	PTSG 6-6	SL 500 NSPC
A-4035-S2 (KCPL)	CIR1/0 A 78806421422	FSK 5586	PIK-4040	PT-47703	PTSK 1/0	SL 6060
A-4035-S20-SH	CIR1/084078806421398	FSK 5587	PL 1000 NTSPC	PT-55601	PTSK 2/0	SL 8747-8
A-4035-SH	CIR2/0 (78811412564)	FSK 5731	PL 1500 NSPC	PT-55602	PTSK 2/0-6	SL 8760
A-4040	CIR2/0 B 78812606511	FSK 6 CAB	PL 2000 NSPC	PT-55603	PTSK 3/0	SL 8775-8
A-4040 (KCPL)	CIR21840 78806421380	FSS500L W/X 1 U 2020	PL 500 NSPC	PT-55604	PTSK 350-6	SNG 00
A-4040 (PSC)	CIR21A (78806421414)	FSS500L W/X 1 U 4040	PL 750 NSPC	PT-55605	PTSK 4/0	SNG 00 HD
A-4040-5-SH	CIR3/0 (78811412556)	GAX-100-4NN	PT 6286-2/0	PT-55606	PTSK 4/0 W/FSS 350	SNG 02
A-4040-SH (JEA)	CIR4/0 (78806421372)	GAX-111-4NN	PT 6286-4/0	PT-55607	PTSK 4/0-6	SNG 02 TN
A-4045 (KCPL)	CIT1 (78801599420)	GAX-130-4NN	PT 6286-500 L	PT-55607-S20	PUL-35-1/2-LH-3	SNG 11
A-4045-SH	CIT1 A (78806174005)	GAX-160-4NN	PT-1001	PT-55608	PUL-4/0-1/2-LH-3	SNG 22
A-4045-SH (JEA)	CIT10 (78812656268)	GAX-200-4NN	PT-1002	PT-55608-S10	PUL-75-1/2-LH-3	SNG 24
A-4050	CIT2 (78800648863)	GAX-200-4NN-HLP	PT-1003	PT-55611	Q 1 U 52	SNG 26
A-4050-B	CIT2 A (78805571565)	GAX-230-4NN	PT-1003-S2	PT-79500	Q 1 U 54	SNG 44
A-4050-SH	CIT3 (78801599412)	GAX-250-4NN	PT-1005	PT-79500-K	Q 1 U 55	SNG 46
A-4055	CIT4 (78800648848)	GAX-250-4NN90	PT-1010	PT-79501	Q 1 U 57	SNG 66
A-4055 (INDIA)	CIT5 (78800649317)	GAX-90-4NN	PT-1011	PT-79502	Q 1 U 58	SS 1/0-500K
A-4055-SH	CIT6 (78806419061)	GAXT-250-4N	PT-1011-S2	PT-79502-K	Q 1 U 59	SS1 1/0 FN 500K
A-4060	CIT7 (78809649482)	GH0 51	PT-1012	PT-79503	Q 1 U 60	SS1 1/0 FN 500K MS
A-4060 (KCPL)	CIT8 (78809651850)	HDL 1/0 NTNSPC	PT-1013	PT-79504	Q 1 U 65	SS1 1/0 FN 750K
A-4060-B	CIT9 (78812593966)	HDL 2 NTNSPC	PT-1014	PT-79505	Q 1 U 67	SS1 1/0 INSK

***Product codes**

SS1 1/0 RN 500K	U 5 U 2-12	X 1 U 336-10 W/HS
SS1 1/0 RN 750K	U 5 U 2-14	X 1 U 336-10-HM
SS1 2 FN 500K	U 5 U 2-2 1/2	X 1 U 33610W/FSS 500
SS1 2 FN 500K MS	U 5 U 2-2-6	X 1 U 3362
SS1 2 FN 750K	U 5 U 2-325-6	X 1 U 33620
SS1 2 INSK	U 5 U 2-4	X 1 U 33620 W/FSS500
SS1 2 RN 500 K MS	U 5 U 2-6	X 1 U 33626
SS1 2 RN 500K	U 5 U 4	X 1 U 33630
SS1 2 RN 750K	U 5 U 4 TN	X 1 U 33640
SS1 2/0 FN 500K	U 5 U 4-2 1/2	X 1 U 4010
SS1 2/0 RN 400K	U 5 U 4-4	X 1 U 402
SS1 2/0 RN 500K	U 5 U 4-6	X 1 U 4020
SS1 2/0 RN 750K	U 5 U 6	X 1 U 4030
SS1 4 FN 500K	U 5 U 6-4	X 1 U 404
SS1 4 FN 500K MS	U 5 U 6-6	X 1 U 4040
SS1 4 FN 750K	U 5 U 8	X 1 U 4040-10
SS1 4 INSK	U1010-YY	X 1 U 4040-10 W/HS
SS1 4 RN 500K	U102-YR	X 1 U 44
SSP 1/0 FN 500K	U104-YO	X 5 U 10
SSP 1/0 FN 750K	U22-RR	X 5 U 10 TN
SSP 1/0 RN 500K	U24-RO	X 5 U 10-18
SSP 1/0 RN 750K	U44-OO	X 5 U 10-325
SSP 2 FN 500K	UBB 66	X 5 U 10-325 HD
SSP 2 FN 750K	UBBR 61	X 5 U 10-325-6
SSP 2 RN 500K	UBG 68	X 5 U 10-6
SSP 2 RN 750K	UGG 88	X 5 U 20
SSP 2/0 FN 500K	UOB 46	X 5 U 20 TN
SSP 2/0 RN 500K	UOB 46 SP	X 5 U 20-12
SSP 4 FN 500K	UOBR 41	X 5 U 20-4
SSP 4 FN 750K	UOBR 41 SP	X 5 U 20-6
SSP 4 RN 500K	UOG 48	X 5 U 2-6
SSP 4 RN 750K	UOG 48 SP	X 5 U 266
SSP 6 FN 500K	UOO 44	X 5 U 30
SSS 4 K	UOO 44 PR	X 5 U 30 TN
SSS 4 KNHEC	UOO 44 SP	X 5 U 30-4
STB-75-C	URB 26	X 5 U 30-6
U 1 B 1010	URB 26 SP	X 5 U 336
U 1 B 1010 EC	URBR 21	X 5 U 336-6
U 1 B 102	URG 28	X 5 U 40
U 1 B 102 EC	URO 24	X 5 U 40 TN
U 1 B 104	URO 24 SP	X 5 U 40-12
U 1 B 104 EC	URR 22	X 5 U 40-14
U 1 B 106	URR 22 PR	X 5 U 40-325-16
U 1 B 106 EC	URR 22 SP	X 5 U 40-325-2
U 1 B 108	UYB 06	X 5 U 40-4
U 1 B 108 EC	UYG 08	X 5 U 40-6
U 1 B 11	UYO 04	CANLS 1/0 BC
U 1 B 11 EC	UYO 04 SP	CANLS 22 BC
U 1 B 21	UYR 02	CANLS 44 BC
U 1 B 22	UYR 02 SP	PT-55609
U 1 B 22 EC	UYU 00	SGAC 500 TN
U 1 B 226 EC	UYU 00 SP	SSNM 1/0-906
U 1 B 24	VTN-250-250	
U 1 B 24 EC	W 7 A 9	
U 1 B 26	WH 10	
U 1 B 26 EC	X 1 N 1010	
U 1 B 28	X 1 N 102	
U 1 B 41	X 1 N 104	
U 1 B 44	X 1 N 2010	
U 1 B 44 EC	X 1 N 202	
U 1 B 46	X 1 N 2020	
U 1 B 46 EC	X 1 N 204	
U 1 B 48	X 1 N 3010	
U 1 B 61	X 1 N 302	
U 1 B 612	X 1 N 3020	
U 1 B 66	X 1 N 3030	
U 1 B 66 EC	X 1 N 304	
U 1 B 68	X 1 N 4010	
U 1 B 81	X 1 N 402	
U 1 B 88	X 1 N 4020	
U 1 N 1010	X 1 N 4030	
U 1 N 102	X 1 N 404	
U 1 N 104	X 1 N 4040	
U 1 N 106	X 1 U 1010	
U 1 N 108	X 1 U 1010-10	
U 1 N 21	X 1 U 1010-10 W/HS	
U 1 N 22	X 1 U 102	
U 1 N 24	X 1 U 102-10 SOL	
U 1 N 26	X 1 U 102-8 SOL	
U 1 N 28	X 1 U 104	
U 1 N 41	X 1 U 2010	
U 1 N 44	X 1 U 202	
U 1 N 46	X 1 U 2020	
U 1 N 48	X 1 U 2020-10	
U 1 N 61	X 1 U 204	
U 1 N 66	X 1 U 22	
U 1 N 68	X 1 U 22-10	
U 1 N 88	X 1 U 24	
U 3 B 1010	X 1 U 266	
U 3 B 22	X 1 U 26610	
U 3 B 24	X 1 U 2662	
U 3 B 44	X 1 U 26630	
U 5 CP 1-6	X 1 U 26640	
U 5 U 10	X 1 U 3010	
U 5 U 10-14	X 1 U 302	
U 5 U 10-4	X 1 U 3020	
U 5 U 10-6	X 1 U 3030	
U 5 U 2	X 1 U 304	
U 5 U 2 TN	X 1 U 336	
U 5 U 2-10	X 1 U 33610	